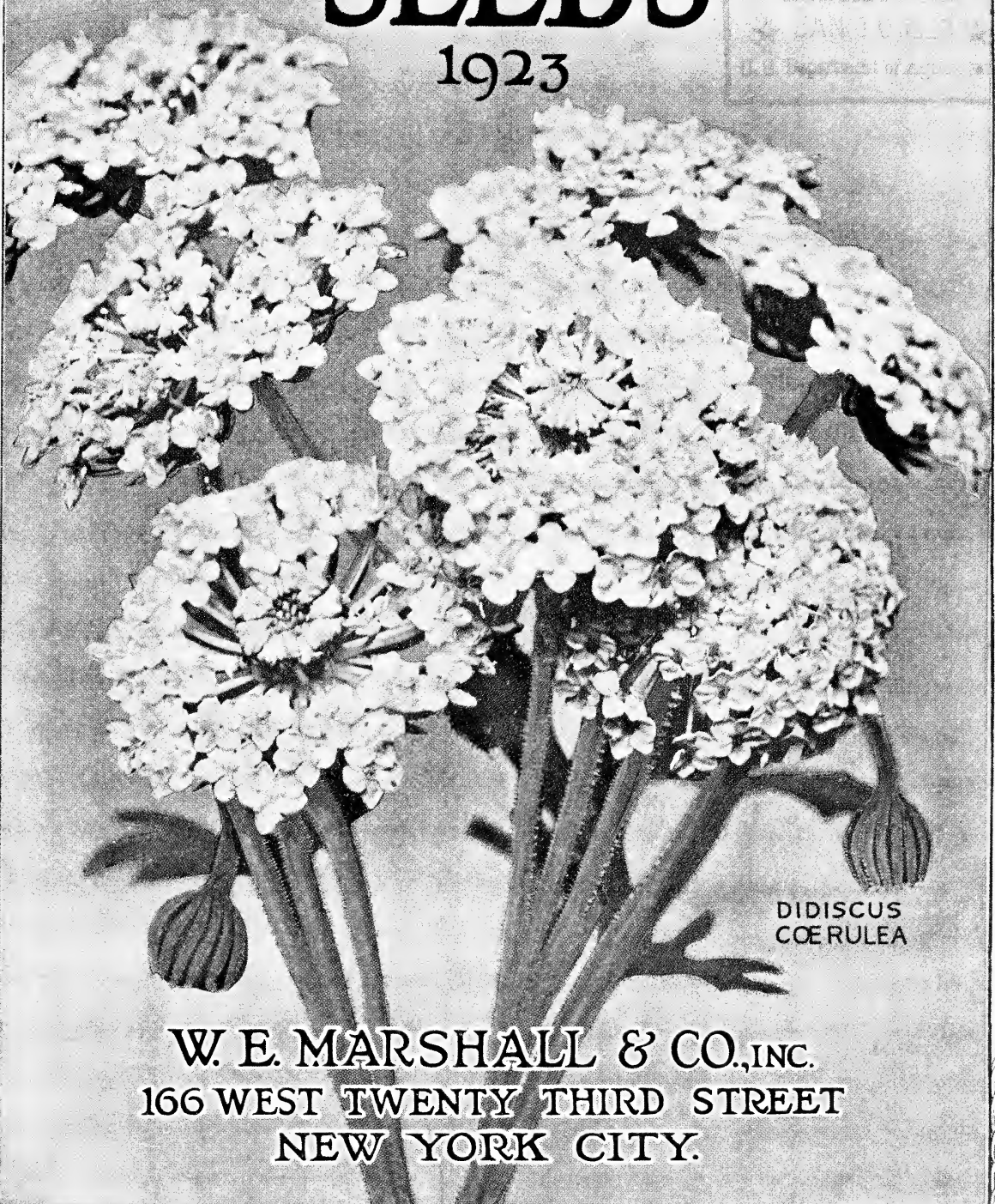


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Do not assume content reflects current scientific knowledge, policies, or practices.

MARSHALL'S SEEDS

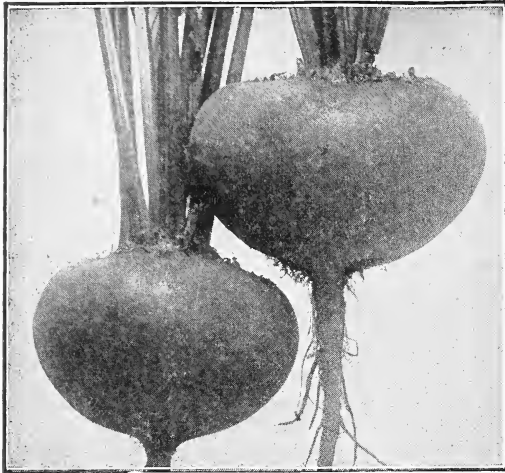
1923



DIDISCUS
COERULEA

W. E. MARSHALL & CO., INC.
166 WEST TWENTY THIRD STREET
NEW YORK CITY.

EXHIBITION AND SPECIAL VARIETIES OF VEGETABLES



BEET. Marshall's Exhibition

BEET. Marshall's Dark-Leaved Globe

A perfect globe-shaped Beet, with a very dark texture and leaf. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

BEET. Marshall's Exhibition

A selected strain of the Globe type; roots medium size, symmetrical in form, and unrivaled for the exhibition or table use. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

BRUSSELS SPROUTS Marshall's Exhibition

For exhibition purposes this fine variety is unequaled and it cannot be surpassed for general cultivation. Pkt. 10c., oz. \$1.00.

CABBAGE. Marshall's Baby Head

Small, perfectly round, solid heads, few outer leaves, adapted for forcing in hotbeds or for early use in the garden. The small heads mature in six to seven weeks after planting. Pkt. 15c., $\frac{1}{2}$ oz. 60c., oz. \$1.00.

CABBAGE. Red Haco

A new Danish Red variety. The earliest of all red Cabbages, has handsome, round, uniform heads, solid and fine red color. Pkt. 15c., $\frac{1}{2}$ oz. 60c., oz. \$1.00.

CARROT. Marshall's Exhibition

A superb type of Intermediate Carrot. The skin is clear, bright in color, and the flesh close in texture, with very small core. In competition on the exhibition stage this variety has carried off more prizes than any other Carrot. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

CARROT. Marshall's Intermediate

This is a carefully selected stock for exhibition purposes. The color and quality are perfect. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

CORN. Charlevoix

An early or intermediate, yellow-grained, sweet Corn of distinctive merit. Ears about 7 inches long and usually twelve-rowed. Very sweet and tender. $\frac{1}{2}$ pt. 15c., pt. 30c., qt. 60c., 4 qts. \$2.00.

LEEK. Marshall's Giant

The largest and best Leek for exhibition. Highly recommended as the choicest variety in cultivation; of a mild, delicious flavor. Pkt. 10c., oz. 80c.

LETTUCE. Marshall's Matchless

This distinct Lettuce which we introduced five years ago has been admired by all who have seen or used it. It is a cross between a head and Cos variety, very crisp and brittle, flavor distinct from other kinds and the best possible variety for home use. Fine for early frames or Summer use. Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.

ONION. Marshall's Invincible Giant

The latest and most important novelty in exhibition Onions. This is not an improved strain of Ailsa Craig, but grown under the same conditions, produces bulbs one-third larger. Pale yellow in color. The seeds we offer are carefully selected for us by an English grower. Pkt. 25c., $\frac{1}{2}$ oz. \$1.00, oz. \$2.00.

ONION. Marshall's Ailsa Craig

The skin is a pale straw color; oval in shape. Excellent for exhibition purposes. The seed we offer is imported and grown from a selected strain. Pkt. 25c., $\frac{1}{2}$ oz. 50c., oz. \$1.00.

PARSLEY. Marshall's Crested Gem

The dwarf, compact habit of the plant and the fineness of the closely cut foliage are unsurpassed. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

PEPPER. Marshall's Perfection

Very smooth and uniform in shape; color when ripe a beautiful scarlet red; quality very sweet and delicious. Pkt. 10c., $\frac{1}{2}$ oz. 50c., oz. \$1.00.

TOMATO. Marshall's Matchless

The best large fruited, main crop Tomato. Strong, vigorous grower, fruits of a rich cardinal-red, solid, smooth and free from core. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 50c.

TURNIP. Quicksilver

Fine for exhibition; round, white skinned, with solid white flesh, very quick growing. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

RUTA BAGA. Marshall's Matchless

A purplish-bronze variety adapted for the table or feeding stock. It has a single tap root, very small top and excellent quality for exhibition purposes. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.



TWO NEW HARDY GRAPES

CACO. A perfectly hardy Grape that has been pronounced by America's most expert grower of hothouse Grapes, to equal, in high quality and melting texture, the finest varieties grown under glass. In appearance, the most beautiful of hardy Grapes. The berries are large and wine-red in color with abundant bloom. The bunches are of good size, compact and of good form. Ripens in advance of Concord. 1-yr.-old, 75c. each, \$7.00 for 10; 2-yr.-old, \$1.25 each, \$11.00 for 10; fruiting age, \$2.50 each, \$22.00 for 10.

HUBBARD. Berries and bunch large; quality sweet and delicious, having that fine and pleasant flavor approaching the European Grapes. Seeds few and small, separating freely from the tender pulp; skin thin and firm. Black; ripens before Concord. 1-yr.-old, 75c. each, \$7.00 for 10; 2-yr.-old, \$1.25 each, \$11.00 for 10.

ORNAMENTAL FRUIT-BEARING SHRUBS

The following is a list of twelve of the best fruit bearing shrubs which retain their ornamental berries throughout the Winter.

ARONIA (Pyrus) arbutifolia (Red Chokeberry). Very ornamental shrub with leaves having woolly under surface; bright Autumn tints; pure white flowers and bright red berries. 3 to 4 ft., \$1.00 each.

VIBURNUM prunifolium (Black Haw, Stag Bush). A native variety with large, oval leaves which color brilliantly in Autumn. Pure white flowers followed by bluish-black fruit. 3 to 4 ft. \$1.00 each.

LIGUSTRUM ciliatum (Bright-Fruited Privet). Hardy, spreading, producing an abundance of shining black berries in Autumn. Best suited for the shrubbery border. 3 to 4 ft. 75c. each.

ILEX verticillata (Black Alder or Winterberry). A neat, attractive native shrub with showy scarlet fruit in late Fall and early Winter. 3 to 4 ft. \$1.00 each.

CRATÆGUS coccinea (Scarlet Fruited Thorn). A fine native variety with single white flowers in Spring, and scarlet fruit in Autumn. 3 to 4 ft. \$1.25 each.

CYDONIA (Chænomeles) japonica (Japan Quince). A very showy, popular shrub, which blooms profusely in early Spring; flowers dazzling scarlet; yellow, Pear-shaped fruits. Excellent spiny hedge plant. 2 to 3 ft. 75c. each.

EUONYMUS americanus (Strawberry Bush). An erect-growing shrub with slender, green branches. Bright green leaves; peculiar, rough, pink fruits, covered with a scarlet pod. Very attractive when fruiting. 3 to 4 ft., \$1.00 each.

HALESIA tetraptera (Silver Bell, Snowdrop Tree). Light, irregular habit, forming a round head; leaves dark green above and pale green below. Lovely pure white flowers, resembling those of the Snowdrop, but larger. Pale green fruit. 3 to 4 ft., \$1.50 each.

VIBURNUM Opulus (Highbush Cranberry). May. Spreading habit. One of the best red-berried shrubs for late Fall and early Winter effects. Single white flowers. 3 to 4 ft. 75c. each.

RHODOTYPOS kerrioides. A distinct, decorative shrub. Foliage very large and handsome; branches clustered with delicate white, pendulous flowers in Spring, followed by black berries, which persist throughout the Winter. 3 to 4 ft., 75c. each.

SYMPHORICARPOS racemosus (Snowberry). A popular hardy shrub, of medium size and bushy form; leaves oval and smooth; small pink flowers in Summer, followed by large, waxy white berries in Autumn, persisting into mid-Winter. Very ornamental. 3 to 4 ft. \$1.00 each.

vulgaris (Coral Berry). Vigorous and quick grower; covered with purple berries all Summer. Does well in any position. Excellent for wood margins. 3 to 4 ft., \$1.00 each.

We offer one each of the entire collection of 12 varieties for \$10.00.

LILY OF THE VALLEY PIPS FROM COLD STORAGE

We have in storage a large quantity of Dresden Pips for forcing at any season of the year.

Lily of the Valley can be forced in about four weeks from cold storage pips. We cannot supply less than 250 pips.

Marshall's Matchless Pips. 250 for \$12.50, 500 for \$23.00, 1000 for \$45.00.

NEW GREENHOUSE ROSES

AMERICA (Hill's). Long pointed buds and flowers of great size. A beautiful shade of pink, fragrant and belongs to the thornless class.

COMMONWEALTH. A beautiful dark pink seedling that has been exhibited with great success during the past season.

Own Root Plants: 2½-in. pots, doz. \$7.50, 100 \$50.00; 3-in. pots, doz. \$8.00, 100 \$55.00.

Grafted Stock: 2½-in. pots, doz. \$10.00, 100 \$65.00; 3-in. pots, doz. \$12.00, 100 \$80.00.



NEW ROSES

- EDEL.** White, shaded ivory at base. Large and full. \$2.50 each.
EVELYN. Full, fragrant, salmon-white, shaded and bordered with rose. \$1.50 each.
FRANK W. DUNLOP. Deep rich, rose-pink. Free flowering. \$1.50 each.
GOLDEN EMBLEM. One of the most striking of new Roses. A perpetual bloomer of rich, deep, golden-yellow. \$1.50 each.
LOUISE BALDWIN. Rich orange with soft apricot shading. Free flowering and decorative. \$2.50 each.
MRS. FRANKLIN DENNISON. Full, large, well-formed flowers of porcelain-white, veiled primrose, deepening to ochre. \$1.50 each.
MRS. HENRY BALFOUR. Ivory-white, primrose shading at base; edge of petals vermilion-rose. \$2.50 each.
MISS LOLITA ARMOUR. Chrome-yellow at base, shading to burnt-orange and copper. \$1.50 each.
SOUVENIR DE CLAUDIUS PERNET. A most striking Sunflower-yellow, deeper in the center without any other color blending it. Large flower, vigorous grower. A splendid novelty. \$3.50 each.
T. F. CROZIER. Deep canary-yellow. Large full flowers, vigorous grower. \$2.50 each.
WM. F. DREER. Soft, silvery, shell-pink with base of golden yellow. A very profuse bloomer. \$1.50 each.

GLADIOLUS. Maiden's Blush

A Holland Primulinus variety, color an attractive shade of light pink. A fine variety for forcing and outside. Doz. \$2.00, 100 \$15.00.

GREENHOUSE ROSES

- | | |
|--|--|
| COLUMBIA. Pleasing rose-pink. | MRS. JOHN COOK. White, suffused with delicate pink. |
| CRUSADER. Rich velvety crimson. | MY MARYLAND. Pink. |
| DOUBLE WHITE KILLARNEY. The best white. | OPHELIA. Clear salmon pink. |
| GOLDEN OPHELIA. A bright yellow. | PILGRIM. A beautiful shade of rose-pink. |
| HADLEY. Velvety crimson. Very fragrant. | PREMIER. Rose-pink, a free, easy grower. |
| HOOSIER BEAUTY. Deep crimson, vigorous grower. | RADIANCE. Deep pink. |
| MRS. AARON WARD. Rich yellow. A universal favorite. | RED RADIANCE. A grand red. |
| MME. BUTTERFLY. Bright pink, apricot and gold. | SUNBURST. Golden yellow, own root stock only. |
| Grafted stock of the above. Doz. 100 | Own root stock of the above. Doz. 100 |
| 2¼-in. pots.....\$6.00 \$45.00 | 2¼-in. pots.....\$4.00 \$30.00 |
| 3-in. pots.....8.00 55.00 | 3-in. pots.....5.00 35.00 |

For other Roses, see pages 66, 67.

NEW SALVIAS

- SALMON PINK.** A beautiful pink Salvia with similar habit and growth to Bonfire.
WHITE BONFIRE. In habit and growth the same as Bonfire only having white flowers.
 Plants from 2-in. pots of the above, doz. \$3.00, 100 \$20.00.

NEW ANTIRRHINUMS

- GIANT RED.** A fine red variety.
GOLDEN PINK QUEEN. Very popular.
ORLANDO. A fine bronze.
PHILADELPHIA PINK. The best pink.
 Any of the above plants, from 2¼-in. pots, doz. \$2.50, 100 \$15.00.

COLD STORAGE LILY BULBS

We are prepared to ship the following in 25, 50 or 100 lots at any time.

- LILIUM giganteum.** Bulbs 8 to 10 in. 50 for \$22.50, 100 for \$40.00.
LILIUM giganteum. Bulbs 9 to 10 in. 50 for \$30.00, 100 for \$55.00.
LILIUM giganteum. Bulbs 10 to 11 in. 50 for \$45.00, 100 for \$80.00.
LILIUM auratum. Bulbs 10 to 11 in. 25 for \$12.00, 100 for \$45.00.
LILIUM speciosum album. Bulbs 8 to 9 in. 25 for \$12.00, 100 for \$35.00.
LILIUM speciosum album. Bulbs 9 to 10 in. 25 for \$14.00, 100 for \$45.00.
LILIUM speciosum Melpomene, or rubrum. Bulbs 9 to 11 in. 25 for \$11.00, 100 for \$40.00.
LILIUM speciosum Melpomene, or rubrum. Bulbs 11 to 13 in. 25 for \$13.00, 100 for \$50.00.
LILIUM speciosum Melpomene, or rubrum. Bulbs 13 to 15 in. 25 for \$22.00, 100 for \$85.00.

WE ISSUE THE FOLLOWING CATALOGUES AND SPECIAL LISTS

- ROCK GARDEN:** Illustrated list containing over 300 varieties of plants and evergreen shrubs. Feb. 1st.
LILACS: A descriptive catalogue of 100 varieties. Ready Jan. 1st.
IRIS: Containing over 200 varieties of standard and new varieties. May 15th.
PEONIES. A complete list of the best varieties for Fall planting. May 15th.
STRAWBERRIES: The leading varieties that can be supplied in pot-grown plants to insure a crop next Summer. May 15th.
BULBS FOR IMPORT: All the latest varieties that may be ordered before Aug. 1st and imported specially to order May 15th.
BULB CATALOGUE: Ready about July 15th, containing a complete list of all bulbs for Fall planting and greenhouse forcing.



MARSHALL'S VEGETABLE SEEDS

WITH GENERAL DIRECTIONS FOR CULTIVATION

W. E. MARSHALL & CO., INC., give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

ARTICHOKE

One ounce will sow 100 feet of row, and produce about 500 plants.

A rich, sandy loam is best adapted for this plant. The seed should be sown in drills $1\frac{1}{2}$ inches deep and 1 foot apart. Transplant to rows 3 feet apart. They reach maturity the second year. Protect in Winter by a covering of leaves or coarse manure.

Large French Globe. Heads large, fleshy and of rich flavor. Pkt. 25c., $\frac{1}{2}$ oz. 60c., oz. \$1.00.

ARTICHOKE PLANTS

Large French Globe. Plants ready for shipment after April 1st. Doz. \$2.50, 100 \$20.00.

Jerusalem. Grown for the tubers, which resemble Potatoes, and are cultivated in a similar manner, but the rows should be at least 4 feet apart. Qt. 30c., pk. \$1.75.

ASPARAGUS

One ounce will produce about 200 plants.

Sow in Autumn or in Spring as soon as the soil is in good working condition. At one or two years transplant to permanent beds.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Conover's Colossal. Very prolific and tender.....	\$0.05	\$0.10	\$0.30
Palmetto. A fine variety, producing large, green Asparagus.....	.05	.10	.30

ASPARAGUS ROOTS

It requires 100 plants for a single row of 150 feet.

Culture.—The permanent bed should be trenched or ploughed very deeply, and well manured with rich, thoroughly decayed manure. Set the plants 18 inches apart in rows, carefully spreading out and separating the roots, and deep enough to admit of the top of the plants being covered 6 inches. In November the plants should have their annual top-dressing of manure after the stalks have been cleared away.

ONE-YEAR-OLD ROOTS

	100	1000
Palmetto. Large, bright green....	\$1.25	\$10.00
Conover's Colossal. Deep green....	1.25	10.00
Columbian Mammoth. White....	1.25	10.00
Giant Argenteuil. Very large.....	1.25	10.00

TWO-YEAR-OLD ROOTS

	25	100	1000
Palmetto	\$0.60	\$2.00	\$15.00
Conover's Colossal.....	.60	2.00	15.00
Giant Argenteuil.....	.60	2.00	15.00
Forcing Clumps	3.00	10.00	

BEANS

Beans like a well drained, rich and light loam. Plant about the middle of April when warm and favorable, and at intervals throughout the season for a succession, until the latter part of August. Bush varieties should be planted in drills 2 feet apart, and from two to six plants to the foot in a row. Keep them well cultivated and draw the earth up to the stem. For String Beans gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.

DWARF SHELL BEANS

Sow in drills 2 feet apart as soon as warm weather has set in; soil should be light and rich; covering about 2 inches.

	$\frac{1}{2}$ pt.	Pt.	Qt.	4 qts.
Boston Pea or Navy. Used when dry for cooking purposes.....	\$0.20	\$0.30	\$0.60	\$2.00
White Kidney. Excellent Shell, or String Bean.....	.20	.30	.60	2.00
White Marrow. For use in a dry state in Winter, or as a String Bean.....	.20	.30	.60	2.00
English Broad Windsor. A nutritious, large Bean growing 3 feet high on stiff stems. Should be planted very early.....	.20	.40	.80	3.00

Add postage at Zone rates if Beans are to be mailed. One pint is equivalent to one pound.

DWARF GREEN-PODDED SNAP BEANS

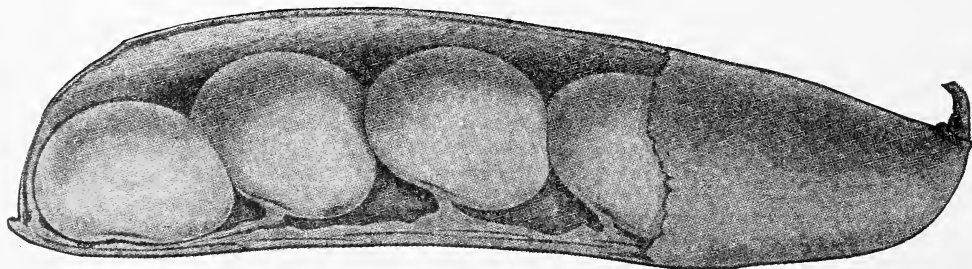
One quart will plant 150 feet of drill.

	$\frac{1}{2}$ pt.	Pt.	Qt.	4 qts.
Black Valentine. Long, round, solid green pods; very early.....	\$0.20	\$0.30	\$0.60	\$2.25
Bountiful. Early, very prolific and long bearing; flat, green pods, tender and stringless.....	.20	.30	.60	2.25
Canadian Wonder. Large, green pods. Fine for table or exhibition.....	.25	.50	1.00	3.50
Dwarf Horticultural. Late and productive; flat, stringless pods.....	.20	.30	.60	2.25
Early Mohawk. Long, straight, flat pods; early, hardy and productive.....	.20	.30	.60	2.25
Extra Early Refugee. Two weeks earlier than the Late Refugee; very prolific.	.20	.30	.60	2.25
Extra Early Red Valentine. One of the earliest. Round, thick, solid pods; tender; fine flavor .....	.20	.30	.60	2.25
Giant Stringless Green Pod. This Bean is absolutely stringless. The pods are round and full.....	.20	.40	.70	2.50
Longfellow. Long, straight, round, solid green pods; very early.....	.20	.30	.60	2.25
Long Yellow Six Weeks. Very early, with full, flat pods.....	.20	.30	.60	2.25
Masterpiece. A beautiful round, green-podded variety, long, straight, stringless pods; fine for forcing and exhibition.....	.40	.75	1.50	5.00
Ne Plus Ultra. A fine variety for forcing. Green, flat pods.....	.35	.65	1.25	4.50
Refugee Late, or 1000 to 1. Medium to late; very productive and tender. Largely grown for main crop; round pod.....	.20	.30	.60	2.25
Stringless Green Pod (Burpee's). An early, round, green-podded Bean; stringless, remains tender and crisp a long time after maturity.....	.20	.30	.60	2.25

DWARF WAX-PODDED BEANS

Black Wax, Currie's Rust-Proof. Large, flat pods; early.....	\$0.20	\$0.30	\$0.60	\$2.25
Black Wax, Improved Prolific. The pods are round, and of fine quality....	.20	.30	.60	2.25
Davis' White Kidney Wax. Long, waxy white; flat pods.....	.20	.30	.60	2.25
Golden Wax, Improved. Very early; flat pods, long, stringless.....	.20	.30	.60	2.25
Golden Eyed Wax. Very hardy and prolific, with flat, yellow pods.....	.20	.30	.60	2.25
Golden Scimitar, or Pencil-Pod Black Wax. Long, round, yellow, stringless pods.....	.20	.30	.60	2.25
Hodson Wax. Handsome, thick, flat, yellow pods. Free from blight and rust. Heavy bearer.....	.20	.35	.70	2.50
Refugee Wax. A Refugee with long, round, wax pods; stringless.....	.20	.35	.70	2.50
Valentine Wax. A perfect Valentine Bean with wax pods.....	.20	.35	.70	2.50
Wardwell's Kidney Wax. Early; long, flat, wax pods.....	.20	.30	.60	2.25

DWARF, OR BUSH LIMA BEANS



Fordhook Bush Lima Beans

Burpee's Improved Bush Lima. A bush form of the large, flat Pole Lima....	\$0.20	\$0.40	\$0.75	\$2.50
Dreer's or Thorburn's Bush Lima. Round, thick Beans; very prolific.....	.20	.35	.70	2.50
Fordhook Bush Lima. It is of erect habit; beans very large and heavy cropper.....	.20	.40	.75	2.50
Henderson's Bush Lima, or Dwarf Sieva. Productive.....	.20	.35	.70	2.50
Wilson's Improved Bush Lima. A week to ten days earlier than Burpee's, more productive but not quite so large.....	.25	.35	.70	2.50

If Beans are wanted by Parcel Post add postage at Zone rate. 1 lb. per pint, 2 lbs. per quart.

POLE, OR RUNNING BEANS

Sow from the 1st of May (for all except Limas) to the latter part of May, in hills 4 feet each way. Limas should not be planted until warm weather has fairly set in. One quart of Limas will plant about 100 hills, allowing four or five beans to a hill, and of the smaller sorts about 200 hills. Poles 8 to 10 feet long should be firmly set in the hills before planting seed. Set poles 4 feet apart each way, and plant 4 to 6 beans about 1 inch deep around each pole. Thin out to three plants to a pole if the soil is rich; pinch off the ends of plants when they overrun the top of the poles, to effect more perfect growth below.

	$\frac{1}{2}$ pt.	Pt.	Qt.	4 qts.
Carpenteria Lima. The beans have a greenish tint; vines vigorous and very productive. A perfect Lima bean.....	\$0.25	\$0.40	\$0.80	\$3.00
Challenger Lima. Thick and productive. Best of all.....	.25	.40	.75	2.50
Extra Early Jersey Lima. This variety is ten days earlier than the ordinary variety, while it is equal in flavor and productiveness.....	.25	.40	.75	2.50
Large, White Lima. One of the best Shell Beans grown. Matures in 90 days; very popular. Our seeds of this variety are extra selected, large and fine.....	.25	.40	.75	2.50
Leviathan Lima. The earliest variety of Pole Lima. Produces pods in clusters. A good variety where the season is short.....	.25	.40	.75	2.50
Small Sieva, or Carolina Lima. Small size; early and prolific.....	.25	.40	.80	3.00
Dutch Case Knife. Pods long, green and flat; can be either snapped or shelled.....	.20	.40	.75	2.75
Golden Cluster Wax. Long, golden yellow pods in clusters.....	.30	.40	.75	2.50
Horticultural Pole. Good as a Snap or Shelled Bean.....	.25	.40	.75	2.50
Kentucky Wonder (Old Homestead). Pods green, very long and flat.....	.20	.30	.60	2.00
Scarlet Runner. A popular English Pole Bean; very ornamental.....	.25	.40	.80	3.00
French Yard-Long. A curious and interesting variety with pods 20 to 36 in. long.....	Pkt. 25 cts. 1.00	1.75	3.50	

"MULFORD CULTURES." The use of Mulford Cultures when planting Beans will increase your yields. Small size, 35c. Garden size, 75c. State if wanted for String or Lima Beans when ordering.

BEAN POLES. Cedar wood, 8 to 9 ft. long, pointed to drive in the ground, \$2.75 per doz., \$20.00 per 100.

BEET

One ounce will sow 150 feet of drill.

For early supply sow as soon as the ground is in working order, in drills 1 foot apart and 2 inches deep. For main crop sow the second week in May, and for Winter use sow in June. When the plants are well forward thin out to about 9 inches apart. The young Beets, with their tops, pulled out of the row, are excellent used as Spinach.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Early Blood Turnip. The leading early sort; also fine for late use.....	\$0.05	\$0.20	\$0.60	\$1.75
Early Eclipse. Very early; dark blood color; small top.....	.10	.20	.60	1.75
Extra Early Egyptian. The best for first crop out of doors. The root is very dark red, flat.....	.05	.20	.60	1.75
Crosby's Egyptian. Extra early; round, dark red.....	.10	.20	.60	2.00
Crimson Globe. Fine globular shape; flesh deep purple; fine quality.....	.10	.20	.60	1.75
Detroit Dark Red Turnip. Round; skin dark blood red; flesh bright red....	.10	.20	.60	2.00
Long Smooth Blood. A prolific variety, very dark in color.....	.10	.20	.60	1.75
Marshall's Dark Leaved Globe. A perfect globe-shape, with a very dark texture and leaf.....	.10	.30	.75	2.50
Marshall's Exhibition Globe. Very carefully selected stock. Dark red and the finest shape Globe variety.....	.10	.30	.75	2.50
Sutton's Globe, or Model. A perfect globe-shaped variety.....	.10	.30	.75	2.50
Swiss Chard. The roots of this variety are of no value, but the leaves are superior to those of the ordinary Beet and excellent as greens.....	.05	.20	.50	1.50
Swiss Chard, Giant Lucullus. An improved variety.....	.10	.20	.60	2.00

MANGEL-WURZEL AND SUGAR BEET

Sow 6 to 8 pounds per acre.

	$\frac{1}{4}$ lb.	Lb.
Champion Yellow Globe. Bright orange color; globe-shaped and of excellent quality.....	\$0.30	\$0.75
Golden Tankard. An enormous yielder per acre. Flesh deep yellow.....	.30	.75
Mammoth Long Red. The largest and heaviest cropper of all the Mangels.....	.30	.75
Vilmorin's Imperial Sugar. An improved French variety.....	.30	.75

BROCCOLI

(For Cultural Directions, see Cauliflower).

	Pkt.	Oz.	¼ lb.
White Cape. Heads compact and of a creamy white color.....	\$0.10	\$0.75	\$2.50

BRUSSELS SPROUTS

One ounce will produce about 2000 plants.

Sow in May in shallow drills 1 inch deep and 12 inches apart; transplant in July. A very hardy, delicious vegetable which should find a place in every garden; greatly improved by hard frosts.

	Pkt.	½ oz.	Oz.	¼ lb.
Marshall's Exhibition. The finest variety of all the Brussels Sprouts. Very large and of superior quality.....	\$0.10	\$0.50	\$1.00	\$3.00
Long Island Improved. Solid, round sprouts of the best quality.....	.10	.30	.60	2.00
Improved Dwarf. A dwarf variety, producing numerous heads.....	.10	.30	.60	2.00

CABBAGE

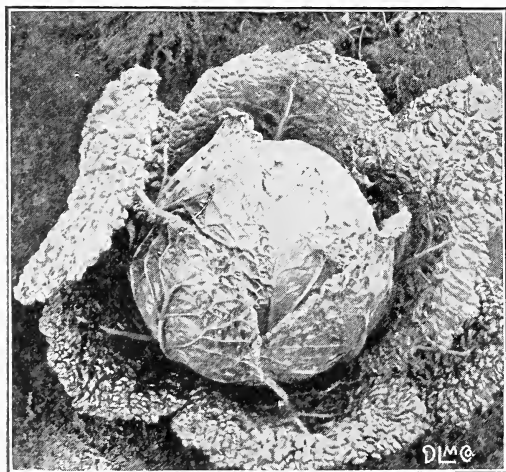
One ounce will produce 3000 plants.

For early use sow the seeds in hotbeds in February or March. Transplant as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or Winter use sow the seed in May.

	Pkt.	½ oz.	Oz.	¼ lb.
Marshall's First Crop. An ideal variety for the private garden producing solid pointed heads earlier than any other variety.....	\$0.25	\$0.60	\$1.00	\$3.00
Autumn King. One of the finest late varieties.....	.10	.25	.50	1.50
Chinese, or Celery. Resembling a Cos Lettuce; the outer leaves are used as a salad or cooked.....	.10	.25	.50	1.50
Copenhagen Market. Very early, round head; short stemmed.....	.10	.30	.60	2.00
Danish Ball Head. Very round; solid Winter sort. A fine shipper.....	.10	.30	.60	2.00
Early Flat Dutch. A second early Cabbage; large, solid heads.....	.10	.25	.50	1.50
Early Spring. An extra early Cabbage with a round, flat head.....	.10	.25	.50	1.50
Early Jersey Wakefield. The standard early variety, conical in shape; few outside leaves.....	.10	.25	.50	1.50
Early Winnigstadt. Conical shape; quality very good.....	.10	.25	.50	1.50
Improved Early Summer. A superior second early sort.....	.10	.25	.50	1.50
Large Late Flat Dutch. The heads are large and solid, with few outer leaves.....	.10	.25	.50	1.50
Large Early York. A fine early sort; solid heads and of good size.....	.10	.25	.50	1.50
Large American Drumhead. One of the largest and best keeping varieties. Fine keeper.....	.10	.25	.50	1.50
Succession. A week later than Early Summer. Large, solid heads.....	.10	.25	.50	1.50

SAVOY CABBAGE

Marshall's Exhibition. The heads are of medium size and mature early, the leaves deeply embossed and distinctly ornamental. The best variety for private use.....



Exhibition Savoy Cabbage

	Pkt.	½ oz.	Oz.	¼ lb.
Early Dwarf Ulm. A very early dwarf variety of fine quality....	.10	.25	.50	1.50
Perfection Drumhead. A large, improved strain. Strong and vigorous grower.....	.10	.25	.50	1.50

RED CABBAGE

	Pkt.	½ oz.	Oz.	¼ lb.
Early Red Erfurt. A standard variety; heads solid and large size.....	\$0.10	\$0.25	\$0.50	\$1.50
Large Red Drumhead. Heads round, solid, and deep blood red in color.....	.10	.25	.50	1.50
Mammoth Rock Red. The largest red Cabbage; color deep red....	.10	.25	.50	1.50
Red Stonehead. Medium size, but very solid heads.....	.10	.30	.60	2.00



CARDOON

Large Solid. Grows about 4 feet high; leaves nearly free from spines. Pkt. 10c., oz. 35c.

CARROTS

One ounce will sow 200 feet of row.

For early crops sow as soon as the ground can be worked, and for later crops from the beginning until the end of May, in rows 15 inches apart and $\frac{1}{2}$ inch deep. Thin out the young plants to 5 inches and keep the surface open by frequent use of the hoe.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Early French Forcing. Tender and fine, best for early crops and frames.	\$0.10	\$0.50	\$1.50	\$4.00
Early Scarlet Horn. Very thick roots; fine for frames. . . . .	.10	.25	.75	2.50
Chantenay Half Long Stump. Style of Nantes, broader shoulder. . . . .	.10	.20	.60	2.00
Danver's Half Long. Large; of good quality and productive. One of the most popular sorts. . . . .	.10	.20	.60	2.00
Half Long Stump-rooted, Nantes Strain. Very popular. . . . .	.10	.20	.60	2.00
Long Orange. For garden and field crops this is the best variety. . . . .	.10	.20	.60	2.00
Marshall's Exhibition. A superb intermediate variety; skin clear, bright red color. . . . .	.10	.30	1.00	3.00
Marshall's Intermediate. Fine exhibition variety. . . . .	.10	.30	1.00	3.00
Oxheart (Guerande). Very thick and short, very sweet. . . . .	.10	.20	.60	2.00
White Belgium. Very large; for stock. . . . .	.10	.20	.60	2.00

CAULIFLOWER

One ounce of seed produces about 3000 plants.

By sowing the early varieties in a hotbed in February or March, or later in a coldframe, fine heads can be obtained quite early. When large enough transplant, making the rows about $2\frac{1}{2}$ feet apart and 18 inches between the plants. Transplanting should be done in moist weather.

	Pkt.	$\frac{1}{4}$ oz.	Oz.
Marshall's First and Best. Produces large and fine grained heads of snowy whiteness. It is the earliest and most solid heading variety grown.	\$0.50	\$3.00	\$10.00
Earliest Dwarf Erfurt. The best and earliest for forcing under glass; very dwarf and compact, with short stem and small leaves. . . . .	.50	2.50	8.00
Marshall's Extra Early Snowball. One of the best for forcing or open ground. . . . .	.25	1.50	5.00
Dry Weather. This variety is especially adapted for long, dry seasons. . . . .	.25	1.50	5.50
Gilt-Edge. Large, heavy sort. The best and surest of all. . . . .	.25	1.50	5.00
Extra Early Paris. Heads of medium size; first-class. . . . .	.10	.60	2.00
Autumn Giant. Vigorous in growth and very large; late. . . . .	.20	.75	2.50
Algiers. An extra fine, late variety; suitable for market and sure to head. . . . .	.10	.60	2.00
Market Garden. A large variety of the Erfurt type, solid white heads. A popular late sort. . . . .	.10	.75	2.50

CELERY

One ounce will sow about 300 feet of row and produce about 5000 plants

Sow in the open border early in April, in rich ground. When the plants are 3 inches high transplant 4 inches apart into temporary beds of soft, rich soil until they acquire sufficient strength for planting out. Plant in rows 3 feet apart and set 8 inches apart in the rows. About the middle of August earthing up is necessary for blanching and whitening of that which is wanted for early use.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Easy Blanching. Blanches very easily, medium dwarf, good flavor and a fine keeper.	\$0.15	\$1.00	\$3.00
Fin de Siecle. The largest, hardiest and best keeping Winter Celery. . . . .	.10	.40	1.25
Giant Pascal. The stalks are solid and crisp; golden yellow heart. . . . .	.10	.40	1.25
Golden Dwarf, or Golden Heart. A distinct variety; crisp, solid; fine flavor. . . . .	.10	.40	1.25
Golden Self-Blanching. French grown; crisp, tender and of fine flavor. . . . .	.25	1.00	3.00
Market Red. Large and very solid. A fine table variety. . . . .	.10	.50	1.75
Marshall's White Plume. A valuable early variety. Requires very little blanching. . . . .	.10	.50	1.50
Perfection Heartwell. Medium height and blanches well. . . . .	.10	.40	1.25
Schumacher. A large growing sort; solid, crisp and of a fine nutty flavor. . . . .	.10	.40	1.25
Winter Queen. Very large; solid green, Winter variety; blanches well. . . . .	.10	.40	1.25
Celery Seed. Used in kitchens for flavoring soups. . . . .		.20	.60

CELERIAC, or TURNIP-ROOTED CELERY

Grown mostly for its bulbous roots, which may be stored like Beets for Winter use.

Giant Prague. The finest variety. Very large roots which are almost round. . . . .	.10	.40	1.25
Large Erfurt. Round, clear skinned roots. . . . .	.10	.40	1.25



CHERVIL

The Curled Chervil is cultivated like Parsley and used for garnishing and flavoring soups and salads.

Curled Chervil. The young leaves are used for flavoring soups and salads.....

Pkt.	Oz.	¼ lb.
\$0.10	\$0.40	\$1.25

CHICORY

Common, or Wild. Sow in June. The young shoots form the Barbe de Capucin, the celebrated salad of France..... .05 .50 1.50
Large-Rooted Magdeburg. Used to mix with or as a substitute for coffee..... .05 .50 1.50
Witloof, or French Endive. The stalks when blanched are used for salad..... .05 .60 2.00

COLLARDS

Sow Seeds, as for Cabbage, in June, July and August, for succession. Transplant when a month old in rows a foot apart each way, and hoe often.

Georgia. Pkt. 5c., oz. 20c., ¼ lb. 45c.

CORN SALAD, OR FETTICUS

One ounce will sow 150 feet of drill.

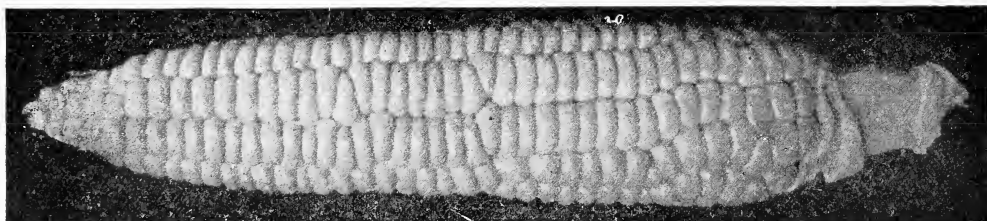
Sow in September in drills 8 inches apart, covering the seeds lightly, and protect from frost by light covering of hay and litter. The seed may be sown in Spring.

Large-Seeded. The most popular variety grown. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.00.

CORN, SWEET

One quart will plant 200 hills.

Plant in hills 3 feet apart each way, dropping five or six kernels in each hill, or in rows 3 feet apart, and the plants thinned out to 8 or 9 inches in the row. From May until the middle of July a succession planting can be made every two or three weeks, and a continued supply can be had until frost kills the plants.



Golden Bantam Sweet Corn

EXTRA EARLY

Charlevoix. An early yellow variety. Ears about 7 inches long, eight-rowed; very fine flavor.....	½ pt.	Pt.	Qt.	4 qts.
	\$0.15	\$0.50	\$0.60	\$2.00
Early Mayflower. One of the earliest white-seeded varieties. Long, well filled ears.....	.15	.25	.50	1.75
Early Minnesota. One of the earliest varieties grown. Dwarf; ears small....	.15	.25	.50	1.75
Golden Bantam. Extra early; yellow; very sweet and tender.....	.15	.25	.50	1.75
Golden Rod. Very early, golden grains and sweet flavor.....	.15	.30	.60	2.00
Howling Mob. An early variety of large size ears; white, sweet grains.....	.15	.30	.60	2.00
Kendel's Giant. Large variety and fine quality.....	.15	.25	.50	1.75
Mammoth White Cory. Ears double the size of the old Cory.....	.15	.25	.50	1.75
Red Cory. Early, tender and sweet.....	.15	.25	.50	1.75

SECOND EARLY

Crosby's Early. One of the standard early sorts.....	.15	.25	.50	1.75
Early Champion. Large; white cob; very sweet.....	.15	.25	.50	1.75
Early Evergreen. Ripens about ten days earlier than Stowell's Evergreen....	.15	.25	.50	1.75
Early Mammoth. Ten days earlier than Mammoth.....	.15	.25	.50	1.75
Metropolitan. Large, handsome ears of fine quality.....	.15	.30	.60	1.75

GENERAL AND LATE

Black Mexican. The sweetest and most delicious variety grown.....	.15	.25	.50	1.75
Country Gentleman. Ears medium size; deep grains in irregular rows on cob and deliciously sweet.....	.15	.25	.50	1.75
Late Mammoth. The largest late variety grown.....	.15	.25	.50	1.75
Stowell's Evergreen. The most popular variety grown; ears large and very sweet. The seed we offer has been carefully grown and selected.....	.15	.25	.50	1.75

Packets of all varieties of Corn, 10c. each, post free.

POP-CORN, White Rice. Shelled. Lb. 30c.



CRESS, OR PEPPERGRASS

One ounce will sow 150 feet of drill.

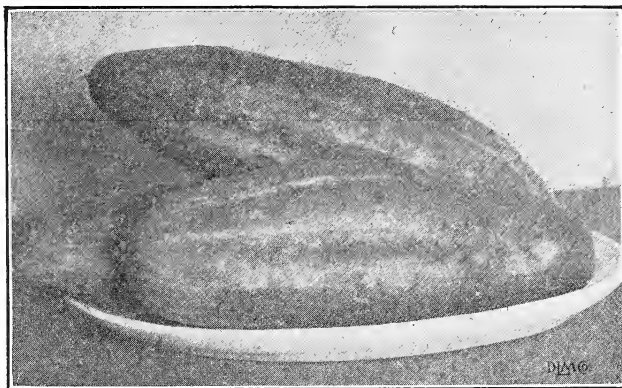
A popular salad which should be sown early in the Spring very thickly in shallow drills and at short intervals for succession, as it soon runs to seed.

Extra Curled. The best variety grown; leaves are beautifully cut and curled; highly prized for garnishing.	Pkt. \$0.05	Oz. \$0.15	¼ lb. \$0.50	Lb. \$1.50
Upland, or Broad-leaved Winter. A garden substitute for Water Cress; crisp, tender and perfectly hardy.	.10	.15	.50	1.50
True Water Cress. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it.	.25	1.25	4.00	

CUCUMBERS

One ounce to 60 hills, 2 to 3 pounds to one acre.

For very early use seed may be started in heat and the plants set out in May. Pieces of inverted sod are an excellent medium for starting and growing early Cucumber plants, as they can readily be lifted from the hotbed to the garden without disturbing the young plants growing upon them. For main crop plant in hills 4 feet apart at the end of May. Keep the young plants safe from the striped bug by dusting with dry plaster or powdered Hellebore. Leave four strong plants to each hill.



Cool and Crisp Cucumber

Cool and Crisp. A strain of White Spine; flesh peculiarly crisp and tender.	Pkt. \$0.10	Oz. \$0.25	¼ lb. \$0.75
Davis' Perfect. An excellent variety both for outdoors and forcing purposes.	.10	.20	.60
Early Cluster. Prolific, tender and crisp; about 5 inches long; good color.	.10	.20	.60
Early Fortune. Very dark green skin, flesh thick, seed cavity small and excellent quality, for table use or pickles.	.10	.25	.75
Everbearing. Valuable as a green pickler.	.10	.20	.60
Extra Long White Spine. Much longer than ordinary White Spine; very prolific.	.10	.20	.60
Fordhook Famous. The largest and most handsome garden variety. The skin is a bright green.	.10	.25	.75
Green Prolific Pickling. Dark green; medium strength; very free bearer.	.10	.20	.60
Improved Long Green. Long and crisp; a popular variety for pickles.	.10	.20	.60
Improved White Spine. Early and good for table use or for pickling; of medium length; dark green color and flesh crisp and excellent.	.10	.20	.60
Japanese Climbing. This is a strong and vigorous grower; fine for pickling.	.10	.25	.75
West Indian Gherkin. Used only for pickles; the smallest of all varieties.	.10	.25	.75

ENGLISH CUCUMBERS FOR FRAMES

Covent Garden Favorite.	Pkt. \$0.30	Lockie's Perfection.	Pkt. \$0.30
Duke of Edinburgh.	.30	Sutton's Matchless.	.30
Kelway's Freedom.	.30	Telegraph, Improved.	.30

DANDELION

The Dandelion affords one of the earliest and most healthful Spring greens or salads.
Improved French. Large thick leaves. Pkt. 10c., oz. \$1.00, ¼ lb. \$3.50.

ENDIVE

One ounce of seed for 100 feet of drill.

One of our best salad plants. For a first crop sow about the middle of April; for succession small sowings may be made every month till August, when the main planting is made. Set out the plants 1 foot apart, in rows and when well grown blanch by folding the leaves.

Broad-leaved (Escarolle). Leaves long and broad; thick and succulent.	Pkt. \$0.10	Oz. \$0.25	¼ lb. \$0.75
Green Curled. Hardy, finely curled; easily blanched. One of the best.	.10	.25	.75
White Curled. Blanches rapidly; excellent and very tender.	.10	.25	.75



EGG PLANT

One ounce will produce about 2000 plants.

The Egg Plant will thrive well in good garden soil. The seed should be sown in hotbed or warm greenhouse in March or April, and when about an inch high put in 2-inch pots. Plant about June 1st, 2½ feet apart. If no hotbed is at hand they can be grown in any light room where the temperature will average 75 degrees.

	Pkt.	½ oz.	Oz.	¼ lb.
Black Beauty. As large as New York Improved but ten days earlier.....	\$0.10	\$0.40	\$0.80	\$2.50
Long Purple. Fruit longer and smaller than the above sort; hardy; productive. .	.10	.40	.75	2.50
New York Improved. Purple; the best variety; very large, oval, heavy fruit. .	.10	.40	.75	2.50

KALE, OR BORECOLE

Sow about the middle of April in prepared beds, covering thinly and evenly; plant out in June, following the directions recommended for cultivating Cabbage.

	Pkt.	Oz.	¼ lb.
Curled Dwarf Green Scotch. Very dwarf and spreading; best strain.....	\$0.10	\$0.30	\$1.00
Marshall's Exhibition Curled. Closely curled leaves.....	.10	.60	2.00
Curled Siberian Improved. Uniformly dwarf; green curled; hardy.....	.10	.30	1.00

KOHL-RABI

One ounce will sow 300 feet of row.

Cultivate the same as the Cabbage, but in hoeing be careful not to throw earth into the heart of the plant or the bulb cannot be formed.

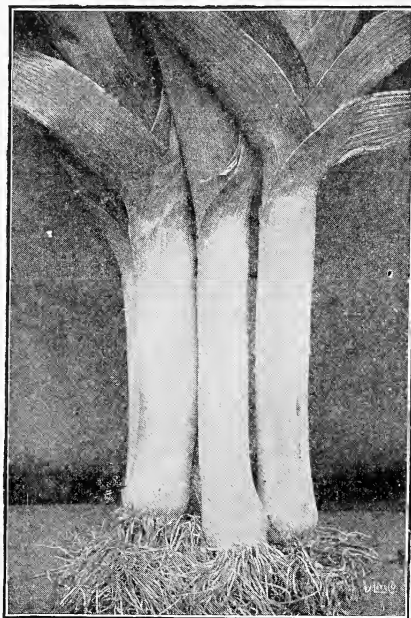
	Pkt.	½ oz.	Oz.	¼ lb.
Early White Vienna. Very early and should be used before being fully grown. Flesh white with greenish white skin.....	\$0.10	\$0.25	\$0.50	\$1.50
Early Purple Vienna. Similar to the preceding, except in color. .	.10	.25	.50	1.50

LEEK

One ounce will sow 200 feet of drill.

The Leek is very hardy and easily cultivated; it succeeds best in light but well enriched soil. Sow as early in the Spring as practicable, in drills 1 inch deep and 1 foot apart. When 6 to 8 inches high transplant in rows 10 inches apart each way, as deep as possible, that the neck, being covered, may be blanched.

Marshall's Giant. The largest and best Leek for exhibition. Highly recommended as the choicest variety in cultivation, of a mild and delicious flavor.....	Pkt. \$0.10	Oz. \$0.80	¼ lb. \$2.50
Large American Flag. The most desirable for market or family use.....	.10	.30	1.00
Musselburgh, or Carentan. A very large variety of superior quality.....	.10	.30	1.00



Marshall's Giant Leek

LETTUCE

One ounce will sow 200 feet of drill.

Sow in the open ground as early as possible, barely covering the seed. If the hotbed is used let it be started quite early. Give but little heat and plenty of water and air on fine days. Let plants in the beds be about 4 inches apart. As they increase in size thin them out or they will become weak. Plant for late use in a cool, partially shaded place in rich soil.

CABBAGE, or HEADING VARIETIES

All Heart. A beautiful yellowish green head Lettuce. Withstands intense heat. Fine for the private garden.....	Pkt. \$0.10	Oz. \$0.25	¼ lb. \$0.75
All Seasons. Large, handsome, extremely solid head; color a light grayish green.....	.10	.20	.60
Boston Market. Solid, crisp and compact. One of the best for forcing.....	.10	.20	.60
Big Boston. Fine for forcing in coldframes or for open ground.....	.10	.20	.60
Deacon. A splendid variety for standing the Summer heat; large, solid head.....	.10	.20	.60
Giant Crystal Head. Large, solid; outside leaves bright green, inside white.....	.10	.25	.75
Golden Queen. A good forcing variety of a golden yellow color; heads solid.....	.10	.25	.75
Hanson Improved. Heads large, hearts quickly, and stands the Summer well.....	.10	.25	.75
Iceberg. Large, solid heads; yellow heart; very crisp.....	.10	.25	.75
Mammoth Black-seeded Butter. A large head Lettuce of splendid quality.....	.10	.25	.75



LETTUCE—Continued.

	Pkt.	Oz.	¼ lb.
Marshall's Matchless. A cross between a head variety and the Cos type, it has numerous loose leaves which form into a long, loose head. Very sweet and tender, a fine variety for Summer use and early frames.....	\$0.10	\$0.60	\$2.00
May King. Extra large, solid heads; light green outside, with clear yellow heart; very tender and of fine flavor; splendid forcer.....	.10	.25	.75
Mignonette. Distinct russet colored; very solid and compact.....	.10	.25	.60
New York, or Wonderful. Large solid heads; inside very white.....	.10	.25	.75
Improved Salamander. Large heads that stand the drought and heat.....	.10	.25	.60
Tennis Ball (Black-Seeded). A very distinct compact head with few outer leaves...	.10	.25	.60
Way Ahead. The leaves are light green, heads blanched to a rich yellow tint.....	.10	.30	.75
White Summer Cabbage. A fine Summer variety; heads of good size.....	.10	.25	.60

CURLED, or LOOSE-LEAVED VARIETIES

Black-Seeded Simpson. Nearly double the size of Curled Simpson.....	.10	.25	.60
Early Curled Simpson. One of the earliest and best for market.....	.10	.25	.60
Grand Rapids. This is regarded as the best forcing loose-leaved variety.....	.10	.25	.60

ROMAINE, or COS VARIETIES

These are distinct from the ordinary Lettuce, and much liked on account of their crisp, tender quality. They produce long, narrow leaves, blanched by drawing in the outer leaves and tying.

Eclipse Cos. A perfectly distinct variety. It is the dwarfiest Cos Pkt. Oz. ¼ lb.
Lettuce.....\$0.10 \$0.40 \$1.25

Paris White Cos, Romaine. One of the finest varieties for Summer use..... .10 .25 .75

Trion Cos. The long, narrow leaves, which form solid heads, bleach and quickly become snowy white. .10 .25 .75

MELON, MUSK

One ounce will plant 60 hills.

After all danger of frost is over and the ground has become warm and dry, plant in hills 4 to 6 feet apart each way, 6 to 12 seeds to a hill. When up and all danger of insects has passed, pull out all but three plants. Cultivate until the vines cover the ground.

	Pkt.	Oz.	¼ lb.
Defender. One of the best yellow-fleshed sorts; medium size, oval in shape.....	\$0.10	\$0.25	\$0.75
Emerald Gem. Small, early; dark green skin, orange flesh; very sweet.....	.10	.25	.75
Field's Daisy. Rich orange flesh resembling Emerald Gem but is larger, with thicker flesh and better flavor.....	.10	.60	2.00
Fordhook. The flesh is very thick, of a deep salmon color.....	.10	.25	.75
Hackensack. Large, round and good quality.....	.10	.25	.75
Harute. Very large, beautifully netted. Flesh solid and pale yellow when ripe.....	.25	.75	2.50
Honey Dew. Large round to oval in shape, skin smooth, hard and nearly white, flesh light green. Excellent flavor.....	.10	.50	1.50
Hoodoo. Nearly round, about the size of Rocky Ford; flesh rich, deep orange.....	.10	.25	.75
Jenny Lind. Small, green fleshed; very early; good quality.....	.10	.25	.75
Long Island Beauty. The earliest and finest in quality; green flesh.....	.10	.25	.75
Montreal Market. Large, round netted; flesh thick and light green; late.....	.10	.25	.75
Netted Gem, Round. Very early; small and of fine flavor; green flesh.....	.10	.25	.75
Orange Christina. Round; very sweet and very early; orange flesh.....	.10	.25	.75
Paul Rose. Oval; rich orange flesh; very sweet.....	.10	.25	.75
Rocky Ford. Very sweet and fine flavored; oblong.....	.10	.25	.75
Tip Top. A slightly oval shape and yellow-flesh variety; fine flavor.....	.10	.25	.75



Matchless Lettuce

ENGLISH FORCING VARIETIES

	Per Pkt.		Per Pkt.
Blenheim Orange. Scarlet flesh.....	\$0.30	Royal Sovereign. Golden skin, white flesh..	\$0.50
Diamond Jubilee. Greenish white flesh.....	.30	Sutton's A1. Scarlet flesh.....	.30
King George. Scarlet flesh.....	.50	Sutton's Universal. White flesh.....	.50
Royal Jubilee. Oval, green flesh.....	.50	Superlative. Scarlet flesh.....	.30



MELON, WATER

One ounce will plant about 30 hills.

Plant in hills as directed for Musk Melons, and treat in all respects the same, except that the hills should be 8 to 10 feet apart.

	Pkt.	Oz.	¼ lb.
Citron. Round and handsome; for preserving; red seed.....	\$0.10	\$0.20	\$0.50
Cole's Early. Medium size; red flesh; green skin.....	.10	.20	.50
Cutan Queen. Solid and heavy; skin marked regularly.....	.10	.20	.50
Florida Favorite. A superior strain; oblong; green-white stripes.....	.10	.20	.50
Fordhook, Early. Flesh bright red; very sweet.....	.10	.20	.60
Hungarian Honey. A very early sort; perfectly round; flesh red.....	.10	.20	.60
Kleckley Sweets. Exceedingly sweet and fine flavored.....	.10	.20	.50
Kolb Gem. Large; bright red flesh of fine quality.....	.10	.20	.50
Mammoth Iron-clad. Light green skin, striped dark green.....	.10	.20	.50
Mountain Sweet. Early, large, oblong, skin dark green, flesh red and sweet. A good variety for northern gardens.....	.10	.20	.50
Tom Watson. Dark green rind with deep red flesh, very large, oblong shape.....	.10	.20	.50

MUSHROOM SPAWN

Ten pounds will spawn about 10 feet square.

Mushroom beds may be made in a warm, dry cellar, or in any building where the frost does not penetrate, and in the open air during the Summer and Fall months. Having procured the spawn, the next thing to be attended to is to make preparation for the beds. About two or three weeks before the beds are to be made collect a quantity of fresh horse manure without the straw; place it in a heap under cover, and as it heats keep turning it over once or twice a week, until the fiery heat has become exhausted, which will require from ten to fourteen days' time. When the manure is in a condition to be made up lay out your bed, according to your requirements, say 3 feet wide, 10 feet long and from 2 to 3 feet deep; beat it down well with the back of the spade as the process of building goes on. When the bed has been made some time, say a week or thereabouts, and the heat sufficiently declined to a temperature of 65 or 75 degrees, the spawn may be put into it. Break the spawn in pieces 2 inches square, and put them 6 inches apart, all over the bed; then cover the bed with 2 inches of rich soil. If everything goes on well, you may expect Mushrooms in about five or six weeks. When the soil looks dry give a gentle watering with tepid water, using a rose on the watering pot. Good crops of Mushrooms can be obtained by spawning the hotbeds in Spring.

Pure Culture Prolific Direct Bricks. An American-made spawn which produces large crops of large size, deep cream, and excellent quality Mushrooms. Per brick 40c., 10 bricks for \$3.50, 50 bricks \$15.00.

MUSTARD

One ounce will sow 100 feet of drill.

For early crops the seed may be sown in a hotbed in March, and for general crop at frequent intervals through the Spring, in drills from 8 to 12 inches apart.

	Pkt.	Oz.	¼ lb.	Lb.
White London. The best variety for salad.....	\$0.10	\$0.20	\$0.40	\$1.25
Giant Southern. Curled. Very large leaves.....	.10	.20	.40	1.25

OKRA, OR GUMBO

One ounce will plant 100 hills.

This plant is extensively cultivated for its green pods, which are used in soups and stews, and are very wholesome and nutritious. Sow about the middle of May in drills 3 feet apart and thin out the plants to 1 foot apart.

	Pkt.	Oz.	¼ lb.	Lb.
Dwarf Green. Very early; smooth pods.....	\$0.10	\$0.20	\$0.40	\$1.00
Long Green. Long ribbed pods; very productive.....	.10	.20	.40	1.00
Perkin's Improved. Pod very tender, long and deep green.....	.10	.20	.40	1.00
White Velvet. Tender white pods; smooth and velvety in appearance.....	.10	.20	.40	1.00

ONION SETS

Three quarts will plant 100 yards of row.

Onion Sets should be planted early in the Spring in rows 12 inches apart, placing the sets 4 inches apart in the row. When raised from sets the Onion can be used in the green state in June, or they will be matured by July.

	Lb.	5 lbs.	10 lbs.		Lb.	5 lbs.	10 lbs.
Red Onion Sets	\$0.30	\$1.25	\$2.25	White Multipliers	\$0.50	\$2.00	\$3.50
White Onion Sets.....	.30	1.25	2.25	Shallots.....	.75	3.50	6.00
Yellow Onion Sets.....	.30	1.25	2.25	Garlic.....	.60		

Prices of Onion Sets are subject to market changes.



ONION

One ounce will sow 200 feet of drill. 4 to 5 pounds to the acre.

Sow in drills 1 foot apart and cover about one-third of an inch, treading or rolling after sowing so that the hot, dry atmosphere may not destroy the sprouting seed. When 3 inches high thin to 2 inches apart. Stir the ground freely without disturbing the young plants and keep free from weeds.

RED VARIETIES

	Pkt.	½ oz.	Oz.	¼ lb.
Large Red Wethersfield. Half early and a good keeper; large size.....	\$0.10	\$0.20	\$0.40	\$1.25
Large Red Globe (Southport Strain). The finest large red sort.....	.10	.20	.40	1.25
Early Red Flat. Medium size; very early; deep red; mild flavor.....	.10	.20	.40	1.25

WHITE VARIETIES

Early White Barletta. A small white Italian sort; very early.....	.10	.20	.40	1.25
Large White Portugal. The large, flat sort of the New York markets.....	.10	.25	.50	1.50
Marshall's Large White Globe (Southport Strain.) Very large and handsome.....	.10	.25	.50	1.50
Mammoth White Garganus, or Silver King. Large, silvery white.....	.10	.25	.50	1.50
White Queen. Pure white, small, flat; fine for pickling.....	.10	.20	.40	1.25
White Tripoli. Large, white, Italian variety.....	.10	.30	.60	2.00

YELLOW VARIETIES

Marshall's Ailsa Craig. The skin is a pale straw color and oval in shape; excellent for exhibition purposes.....	.25	.50	1.00	3.50
Cranston's Excelsior. Inclined to globular in shape and of a beautiful straw color.....	.25	.60	1.20	4.50
Danvers' Yellow. A round, flat, standard sort; early and a good keeper.....	.10	.20	.40	1.25
Marshall's Giant Gibraltar. Fine exhibition variety.....	.25	.50	1.00	3.50
Marshall's Invincible Giant. An improved type of Ailsa Craig. Pale yellow color. Fine for exhibition purposes.....	.25	1.00	2.00	
Yellow Globe Danvers (Southport Strain). Of more globular shape; keeps well.....	.10	.20	.40	1.25
Yellow Prizetaker. Immense size; globe-shaped.....	.10	.20	.40	1.25

PARSLEY

One ounce will sow 200 feet of row.

Sow as early as possible in Spring, first soaking the seed three hours in water; cover lightly, raking the soil fine and level on top. The drills should be about 15 inches apart. The plants appear in two to four weeks. Thin to 3 inches apart.

Marshall's Dwarf Perfection.

A dwarf

and compact Parsley

of bright green color,

exquisitely curled...

Pkt.	Oz.	¼ lb.
\$0.10	\$0.35	\$1.00

Marshall's Crested Gem.

Fine closely

cut foliage with dwarf

compact habit.....

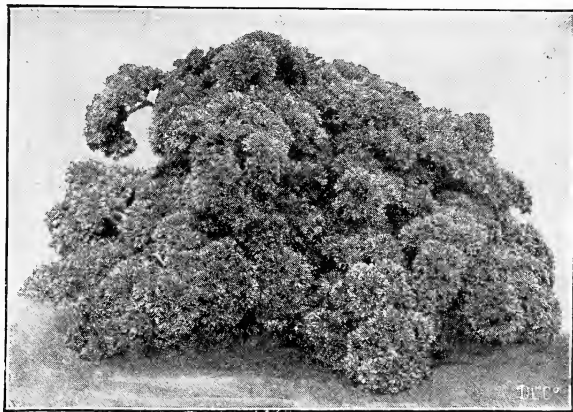
10	.50	1.50
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Extra Double Curled.

A beautiful curled

dwarf variety.....

.05	.20	.50
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Marshall's Dwarf Perfection Parsley

	Pkt.	Oz.	¼ lb.
Moss Curled. A distinct variety; beautifully crimped and curled.....	\$0.10	\$0.25	\$0.75
Turnip Rooted. Grown for its roots which are used in flavoring soups.....	.10	.20	.50
Plain. A plain-leaved variety; fine for flavoring.....	.10	.20	.50

PARSNIP

One ounce will sow 200 feet of drill.

Sow Parsnip seed as early in Spring as the weather will permit, in drills from 15 to 18 inches apart, covering with fine soil to the depth of half an inch. The soil should be rich and deep; manured if possible, the previous Autumn. Thin out the young plants to about 6 inches apart and keep the surface of the ground open and free from weeds. It is perfectly hardy and may remain in the ground through the Winter. Indeed, the fine sugary flavor is only perfected by a severe frost.

Marshall's Marrow.

A grand selection, clean white, long roots; fine for

exhibition and family use. The finest stock in this country.....

Pkt.	Oz.	¼ lb.	Lb.
\$0.10	\$0.25	\$0.75	\$2.50

American Hollow Crown.

Long, smooth and milky white.....

.10	.20	.75	2.00
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Early Round.

Adapted to shallow soils; early and good flavor.....

.10	.30	.80	2.25
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PEAS

One quart will plant about 150 feet of drill.

Peas mature earliest in a light, rich soil; for general crop a rich loam is the best. When grown in gardens sow in double rows 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March and continue for a succession every two weeks until July.

EXTRA EARLY PEAS

	Height in feet	$\frac{1}{2}$ Pint	Pint	Quart	4 Qts.
Alaska. One of the very earliest blue Peas; quite productive.....	2½	\$0.20	\$0.30	\$0.60	\$2.00
Blue Bantam. A fine extra early wrinkled Pea. Large pods well filled with deep green, fine flavored peas.....	1½	.20	.30	.60	2.00
Extra Early Market, Marshall's. A standard extra early Pea; pro- ductive and profitable to grow.....	2½	.20	.30	.60	2.00
First of All. Selected strain of extra earlies.....	2½	.20	.30	.60	2.00
Gradus. The finest extra early Pea. The pods are very large and well filled, with large wrinkled green peas.....	3	.25	.40	.80	3.00
Laxtonian. Very large, dark green, curved pods and Peas of finest flavor; great yielder; very early.....	1½	.25	.40	.80	3.00
Little Marvel. Very early, wrinkled peas, long pods.....	2	.20	.35	.70	2.50
Nott's Excelsior. Splendid early wrinkled sort; very prolific.....	1	.20	.30	.60	2.25
Peter Pan. A fine large podded dwarf pea.....	1¼	.25	.40	.75	2.50
Sutton's Excelsior. An extra early dwarf wrinkled Pea; pods filled with large peas of the finest flavor.....	1	.20	.35	.70	2.50
Thomas Laxton. Very productive. The pods are large and contain seven or eight large wrinkled Peas of the finest flavor.....	3	.25	.40	.75	2.50

MEDIUM CROP PEAS

Abundance. Very large wrinkled Peas. Two weeks later than the extra early varieties.....	1½	.20	.30	.60	2.00
Advancer, McLean's. A fine standard sort of excellent quality.....	2½	.20	.30	.60	2.00
Champion of England. Well known standard variety. Sow thickly..	5	.20	.30	.60	2.00
Dwarf Champion, or Juno. Dwarf form of Champion of England....	2	.20	.35	.70	2.50
Duke of Albany (American Champion). Immense pods.....	5	.20	.35	.70	2.50
Everbearing. Long pods, large Pea. Sow thickly.....	2½	.20	.30	.60	2.00
Marchioness. A grand wrinkled Pea for general crop.....	3	.25	.40	.80	3.00
Market Garden. In the style of Advancer; very prolific.....	2½	.20	.30	.60	2.00
Perfect. An English mid-season variety, with handsome long pods produced in pairs, very heavy bearer.....	2½	.25	.50	1.00	3.50
Prince Edward. Branching habit, large pods filled with Peas right to the end; very prolific.....	4	.25	.35	.70	2.50
The Admiral. A valuable second early variety; medium size deep green Peas. Vines strong and vigorous.....	4	.20	.35	.70	2.50
The Lion. A wonderfully productive English early variety.....	3	.25	.50	1.00	3.50

MAIN CROP PEAS

Alderman. One of the finest of the large podded main crop varieties. Pods measure nearly 6 in., well filled.....	5	.20	.35	.70	2.50
Quite Content. A giant podded variety, very prolific.....	5	.25	.40	.75	2.50
Telegraph. Large podded variety.....	4	.20	.30	.60	2.00
Telephone. A tall growing late sort, having pods of very large size, containing six or seven peas of delicious flavor.....	5	.20	.35	.70	2.50
White Marrowfat. A favorite; heavy yielder.....	4	.20	.25	.50	1.75
Black-Eyed Marrowfat. Very hardy and prolific; for market.....	3	.20	.25	.50	1.75

SUGAR PEAS (Edible Pods)

In Sugar Peas the pods are gathered, broken and cooked like string beans when the Peas start to develop in the pod or have reached about half their full size.

Gray-Seeded Sugar. Immense pods.....	3	.20	.35	.70	2.50
Tall Melting Sugar. One of the best edible pod sorts.....	5	.20	.40	.80	2.75

"Mulford Cultures." Peas yield earlier, longer and better crops when treated with **Mulford Cul-**
tures. Small size, 35c.; garden size, ¼ acre, 75c.

PEPPER

One ounce will produce 2000 plants.

Sow in hotbeds in March, and when the soil has become warm, set in rows 2 feet apart and 18 inches in the rows; hoe frequently. The plants may also be forwarded in small pots.

	Pkt.	$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.
Cayenne, Long Red. Bright red slender pods; 3 in. long.....	\$0.10	\$0.40	\$0.75	\$2.00
Chinese Giant. Very large; bright scarlet.....	.10	.40	.75	2.50
Large Bell, or Bull Nose. Large, bright red; largely used for pickling, mild flavor.....	.10	.40	.75	2.00
Magnum Dulce. Very large; flesh mild and sweet.....	.10	.40	.75	2.50
Marshall's Perfection (Pimento). Very smooth and uniform in shape; sweet and delicate, and entirely free from pungency. Color when ripe a beautiful scarlet red.....	.10	.40	.75	2.00
Red Chili. Very productive; very small; red and very pungent.....	.10	.40	.75	2.00
Ruby King. Bright red, 4 to 6 in. long; best for stuffing.....	.10	.40	.75	2.00
Sweet Mountain. Large size; regular handsome shape; mild flavor.....	.10	.40	.75	2.00
Sweet Spanish. Large; mild, used for salad.....	.10	.40	.75	2.00
Upright Sweet Salad. Color bright scarlet; flesh mild and very sweet. As large as Ruby King and are borne upright clear of the ground.....	.10	.40	.75	2.00

POTATOES

GROWN EXPRESSLY FOR SEED IN MAINE

Peck will plant 100 ft. row. Ten bushels cut tubers will plant 1 acre.

The Potato, like the robust-growing vegetable, can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited to it is a sandy loam. Manure is applied either in rows or hills or broadcast over the hills and ploughed in—the latter in most cases being preferable. In highly enriched soils the plants are more liable to disease than when grown in soil that is naturally good. Plant as early in Spring as the ground can be had in fair working order, in hills or ridges, about 3 feet apart, cover lightly with soil about 4 inches deep.

Beauty of Hebron. Slightly flesh colored skin, with pure white flesh; very productive and of the finest quality.

Bovee. Extra early; fine quality; flesh white.

Dibble's Russet. This is the best main crop Potato in cultivation. The tubers are round to oblong in shape, good size, white flesh and covered with a russet skin. The quality when cooked cannot be excelled. It also has great disease-resistant and blight-proof properties.

Early Rose. Very early; fine quality; very productive, skin shaded rose color.

Gold Coin. Very productive, fine table quality; flesh pure white and cooks very dry.

Green Mountain. Oval shape; white skin and flesh; heavy yielder; good for Winter use.

Irish Cobbler. One of the best extra early varieties; very large white and heavy cropper; of excellent quality.

Sir Walter Raleigh. Very large oblong tubers, uniform in shape.

At the time of going to press with this Catalogue the Potato market is so unsettled that we cannot make prices for Spring delivery.

We request those desiring Seed Potatoes to write for prices on the quantities wanted and we will give quotations by mail.

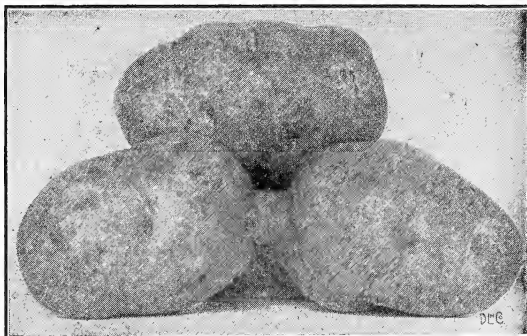
Unpriced orders will be filled at the prevailing market prices at time of shipment.

Potatoes are forwarded by express or freight as directed, purchaser paying charges.

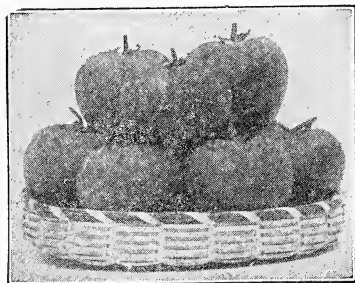
POTATOES FROM SEED

Potato Seeds from the True Seed Balls are the wonder of gardeners and a puzzle to scientists.

Growing new and distinct Seedling Potatoes from the seed ball is interesting. They will produce new kinds, shapes, sizes and colors, often 50 to 100 potatoes to a hill. All valuable new varieties are produced from just such seeds. Pkt. 15c., 4 pkts. 50c., 10 pkts. \$1.00.



Irish Cobbler Potato



Potato Seed Balls—One-third Size



PUMPKIN

One ounce will plant 50 hills.

The common practice is to drop two or three seeds in every second or third hill in the Cornfield, but if cultivated on a large scale the seed may be sown in hills 8 feet apart each way, four plants to each hill, and otherwise treated in the same manner as Melons or Cucumbers.

	Pkt.	Oz.	¼ lb.	Lb.
Connecticut Field. Grown in Corn fields for stock.....	\$0.10	\$0.20	\$0.60	\$1.50
Cushaw Striped. A splendid striped crook-neck variety.....	.10	.25	.75	2.50
Early Sugar. Fine grained; small; yellow.....	.10	.20	.60	2.00
Large Cheese. Flat; the best variety for small family use.....	.10	.20	.60	2.00
Mammoth King. Grows to an enormous size.....	.10	.25	.75	2.50
Mammoth Tours. A very large French variety.....	.10	.25	.75	2.50
Quaker Pie. Very prolific and a good keeper; fine for pies.....	.10	.25	.60	2.00

RADISH

One ounce of seed will sow 150 feet of drill.

Radishes require a light, loamy soil, moderately fertile, which should be deeply dug and well pulverized. The situation should be warm and sheltered. For an early supply sow in January or February in hotbeds, keeping well ventilated. In May they may be sown out-of-doors. Successive sowings should be made every two weeks. Radishes to be crisp and tender should make a rapid growth.

Winter varieties should be sown in July and August.

FORCING VARIETIES

Early Scarlet Turnip				
Forcing. Crisp; very early.....	Pkt. \$0.10	Oz. \$0.25	¼ lb. \$0.75	Lb. \$2.00
Deep Scarlet Turnip				
Forcing or Non Plus				
Ultra. Round, short leaved, crisp; very early.....	.10	.25	.75	2.00
Scarlet Turnip White-Tipped				
Forcing. Round, very early.....	.10	.25	.75	2.00
Early Scarlet Globe.				
Fine for forcing or open ground.....	.10	.25	.75	2.00



Early Scarlet Turnip Radish

French Breakfast Forcing (White-tip Rocket). Very rapid growing; tender and crisp.....	Pkt. \$0.10	Oz. \$0.25	¼ lb. \$0.75	Lb. \$2.00
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OUTDOOR VARIETIES

Turnip, Marshall's Perfection. Brilliant red with white tip extending nearly half way up the root.....	.10	.25	.75	2.00
Turnip, Early Scarlet. Very early. The French favorite.....	.10	.20	.50	1.50
Turnip, Scarlet White-Tipped. Very early for frames or outdoors.....	.10	.20	.50	1.50
Turnip, Early White, or Box. Flesh pure white and sweet.....	.10	.25	.60	2.00
Turnip, Crimson Giant. Suitable for forcing or outdoors; flesh very tender and crisp.....	.10	.20	.60	2.00
Turnip, Triumph (Speckled Beauty). Very prettily striped or mottled scarlet or white; fine forcer.....	.10	.25	.75	2.50
Turnip, Large White Summer. Of large size; roundish shape.....	.10	.20	.50	1.50
Olive-Shaped French Breakfast. Pink and white; early.....	.10	.20	.50	1.50
Olive-Shaped Deep Scarlet. Crisp; very early.....	.10	.20	.60	1.75
Olive-Shaped White. Mild and fine for Summer.....	.10	.20	.60	1.75
Long Scarlet Short Top. Very long; for frames or outdoors.....	.10	.20	.60	1.75
Long White Vienna, or Lady Finger. Crisp and tender in Summer.....	.10	.20	.60	1.75
Long Icicle. Pure white; of fine flavor; suitable for forcing.....	.10	.20	.60	1.75

WINTER VARIETIES

Scarlet Chinese. Very handsome and distinct and keeps well.....	.10	.20	.60	1.75
Long Black Spanish. The popular Winter sort.....	.10	.20	.60	1.75
Half-Long Black Spanish. Very fine strain.....	.10	.20	.60	1.75
Round Black Spanish. Fine for Winter.....	.10	.20	.60	1.75
California White Mammoth. A very large Winter variety.....	.10	.20	.60	1.75
Sakurajima (Mammoth Japan). The largest sort in cultivation.....	.10	.30	.75	2.50



RHUBARB

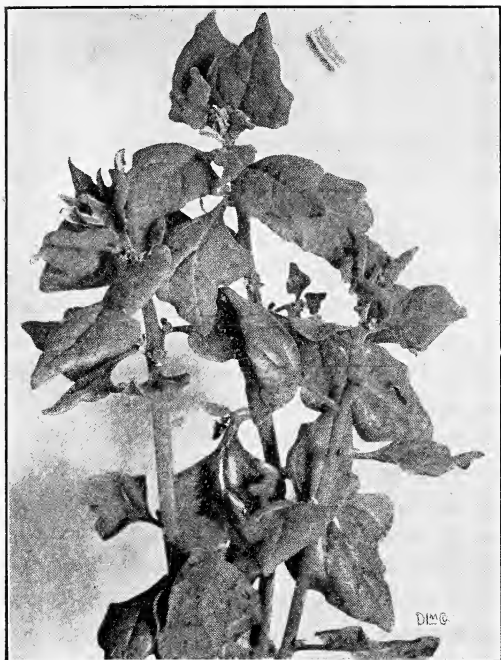
One ounce will produce 1000 plants.

Sow in April in drills 18 inches apart. When the plants are strong enough, thin out to 6 inches. In the Fall or following Spring, transplant the roots into deep, rich soil, 3 feet apart each way.

Victoria. Very large; later than the Linnaeus. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Rhubarb Roots. Extra strong. Each 25c., doz. \$2.50, 100 \$20.00.

Rhubarb Roots. For forcing. Each 35c., doz. \$3.50, 100 \$25.00.



New Zealand Spinach

SALSIFY, OR OYSTER PLANT

One ounce will sow 150 feet.

A most delicious vegetable. It is used stewed, boiled, or fried, and sometimes as a salad. When cooked it has an oyster flavor. Sow seed from April to May in drills 18 inches apart. Cultivate the same as for Carrots or Parsnips.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Mammoth Sandwich Island.			
True. Large and superior;			
very fine flavor.....	\$0.10	\$0.40	\$1.25
Long Black, or Scorzenera.			
Resembles long white, but			
black.....	.10	.50	1.50

SPINACH

One ounce will sow 200 feet of drill, 10 to 12 lbs. an acre.

This is best developed and most tender and succulent when grown in very rich soil. For Summer use sow early in Spring in drills 15 inches apart, and make successive sowings every two weeks. For Spring use sow in September, and cover lightly in November with light litter.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
New Zealand. Makes				
a low spreading plant				
from which delicious,				
tender greens can be				
gathered the entire				
Summer.....	\$0.10	\$0.20	\$0.50	\$1.50

Perpetual Summer or Spinach Beet. Dark green leaves, which are produced all the Summer making a delicious Spinach when cooked.....	.10	.30	1.00	3.00
Long Standing. Of delicious, tender quality; dark green. The longest standing before going to seed.....	.05	.10	.25	.75
Savoy-Leaved, or Bloomsdale. Large, tender curled leaves.....	.05	.10	.25	.75
Round Thick-Leaved. The variety in most general use; equally good for Spring or Autumn sowing.....	.05	.10	.25	.75
Victoria. A new variety with thick dark-green leaves. Best long standing Spinach.....	Pkt. \$0.05	Oz. \$0.10	$\frac{1}{4}$ lb. \$0.25	Lb. \$0.75
Viroflay Thick-Leaved. A standard sort, equally good for early Spring or Fall sowing, leaves are thick, succulent and tender.....	.05	.10	.25	.75
Prickly, or Winter. Vigorous and hardy, recommended for Fall sowing.....	.05	.10	.25	.75

SORREL

One ounce will sow 150 feet of drill.

Used cooked as Spinach or to mix with salads. Sow in shallow drills 12 inches apart, and thin out the young plants to 6 inches.

Large-Leaved French. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

SWISS CHARD, OR SPINACH BEET

This Beet produces leaves only; excellent as greens. Cultivate same as Spinach, sowing the seed in early Spring, in drills $1\frac{1}{2}$ feet apart. Good cultivation will increase the delicacy and tenderness of the leaves.

Swiss Chard. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Giant Lucullus. Pkt., 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.



Swiss Chard



SQUASH

One ounce Early Squash will plant about 50 hills.

One ounce Marrow Squash will plant about 25 hills.

The Squash succeeds best in good rich soil. It is not advisable to plant before May 15th. Sow in hills in the same manner as Cucumbers and Melons. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects.

BUSH VARIETIES

Improved Early White Bush Scallop.

A good early shipping variety. Pkt. 10c. oz. 25c., $\frac{1}{4}$ lb. 75c.

Giant Summer Crookneck. Double the size of Summer Crookneck. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Golden Custard. Fine quality and cooks tender. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 75c.

Golden Summer Crookneck. Yellow fruit; distinct; best for Summer..... Pkt. \$0.10 Oz. \$0.35 $\frac{1}{4}$ lb. \$1.25

Cocozelle Bush. A fine variety; oblong shape; skin smooth, dark green, marbled yellow or pale green..... .10 .30 1.00

Yellow Bush Scallop. The popular yellow variety..... .10 .30 1.00

RUNNING VARIETIES

Boston Marrow. Oval; bright orange; flesh yellow and fine..... .10 .25 .75

Delicious. Green skin; orange flesh; fine grained; sweet and dry..... .10 .35 1.25

Essex Hybrid. Large round, flattened turban shape; very hard shell. A good Fall and Winter sort..... .10 .25 .75

Fordhook. A desirable variety for Summer and Winter use; fruit oblong in shape, smooth yellow skin, flesh light yellow..... .10 .35 1.00

Golden or Red Hubbard. Flesh deep golden yellow; fine for private use..... .10 .30 1.00

Improved Hubbard. Well known and liked for late use..... .10 .30 1.00

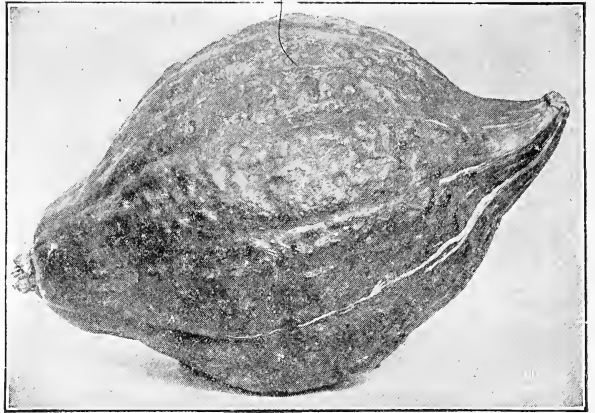
Hubbard Mammoth Warted. Very large, covered with warts. Fine keeper..... .10 .35 1.00

Mammoth Chili. Rich orange flesh; grows to an enormous size..... .10 .30 1.00

Perfect Gem. Round, white, fine quality; good for Fall or Winter..... .10 .30 .75

Winter Crookneck. One of the best Winter sorts..... .10 .30 .75

Vegetable Marrow. A favorite English sort; skin greenish yellow; flesh white..... .10 .30 .75



Hubbard Squash

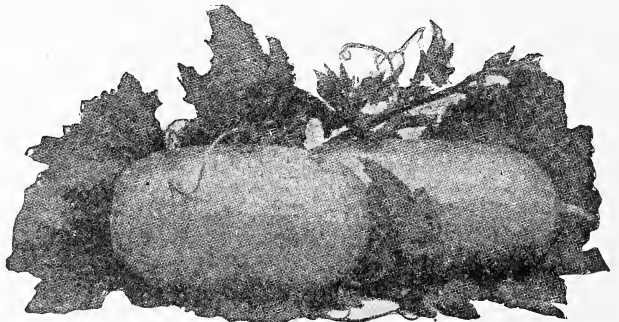
ENGLISH VEGETABLE MARROWS

The following varieties are well adapted for growing in this climate.

Long Green Bush. Fruits Pkt. Oz.
long pale green; rich flavor... \$0.10 \$0.40

Long White Bush. Creamy
white; very prolific..... .10 .40

Long Cream. Very long, pale
cream color; trailing sort..... .10 .40



White Bush Vegetable Marrow

TOBACCO SEED

One ounce will produce plants for one acre.

Connecticut Seed Leaf. Suitable for growing in these latitudes; used for cigar wrappers. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.50.

Imported Havana. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.50.

Before ordering **HARDY PLANTS** and **NURSERY STOCK** see our forty-page descriptive **NURSERY CATALOGUE**. Mailed on request.



TOMATO

One ounce will produce 1,000 plants.

Sow thinly about the first week in March in a hotbed, greenhouse, window or sitting room, where the temperature is never below 60 degrees. When 2 inches high, set out the plants in boxes about 4 inches apart, or pot singly. About the first of June they may be transferred to the open ground. Set them deeply 4 feet apart.

Marshall's Prolific. The finest medium-sized Tomato for forcing or outdoor planting. Pkt. 1/2 oz. Oz.			
It is an enormous cropper, producing large clusters of bright scarlet fruit.	\$0.25	\$2.00	\$4.00
Comet. Beautiful, smooth, round fruit in great abundance. Color a rich scarlet red. . . . .	.25	1.00	2.00
Best of All. An excellent sort for forcing or early outdoor crop. . . . .	.25	1.00	2.00
Stirling Castle. Excellent for forcing as well as outdoor culture. Fruit medium size. . . . .	.25	1.50	3.00
Sunrise. A fine forcing variety; rich scarlet color. . . . .	.25	1.50	3.00
Winter Beauty. Fine forcer, fruits of good size, smooth and deep color. . . . .	.25		
Acme. Medium size fruit, of purple pink color, tinged with purple. . . . .	.10	.25	.50
Coreless, Livingston's. Bright red, almost round and free from core. . . . .	.10	.25	.50
Crimson Cushion. Extra large, handsome, bright crimson. . . . .	.10	.30	.60
Dwarf Champion. The plant is of dwarf and compact growth. . . . .	.10	.25	.50
Dwarf Stone. Color bright scarlet, perfect shape; resembles Dwarf Champion, but with larger fruit. . . . .	.10	.25	.50
Earliana. Extra early; bright red; smooth. . . . .	.10	.25	.50
Early Ruby. The earliest large Tomato grown; rich crimson color. . . . .	.10	.25	.50
Golden Queen. A good yellow sort; first-class quality; large and solid. . . . .	.10	.25	.50
John Baer. A beautiful, brilliant red variety; perfect, solid, high crown fruits. . . . .	.10	.40	.75
Marshall's National. A very early, bright red, coreless variety. . . . .	.25	1.00	2.00
Matchless. Extra large, smooth and handsome; bright red; very solid. . . . .	.10	.25	.50
Perfection. Early, regular and productive; reddish scarlet. . . . .	.10	.25	.50
Ponderosa. The largest variety in cultivation; very solid and meaty. . . . .	.10	.40	.75
Stone. Very large, perfectly smooth; fine, bright scarlet. . . . .	.10	.25	.50

SMALL FRUITED TOMATOES

Red Cherry. Small fruits; used for pickles; very handsome. . . . .	.10	.30	.60
Red Currant. Very small fruits; for preserves. . . . .	.10	.30	.60
Red Peach. Resembling a Peach; for preserves, pickles and exhibition. . . . .	.10	.30	.60
Red Pear. Fruit handsome and solid; fine for preserves. . . . .	.10	.30	.60
Red Plum. Bright red, round, regular; for pickles. . . . .	.10	.30	.60
Strawberry (Winter Cherry, or Husk Tomato). Makes fine sauce. . . . .	.10	.30	.60
Yellow Cherry. For pickles and preserves. . . . .	.10	.30	.60
Yellow Peach. Beautiful clear yellow; perfectly resembles a Peach. . . . .	.10	.30	.60
Yellow Pear. Handsome, yellow, Pear-shaped fruits. . . . .	.10	.30	.60
Yellow Plum. Round and regular; bright yellow. . . . .	.10	.30	.60

TURNIP

One ounce will sow 200 feet of drill.

Turnips do best on highly enriched, light sandy or gravelly soil. Commence sowing the earliest varieties in April, in drills, from 12 to 15 inches apart, and thin out early to 6 or 9 inches in the rows. For a succession, sow at intervals of two weeks, until the middle of August.

Early Milan, Purple Top. Earliest of all, white with purple top.	Pkt. \$0.10	Oz. \$0.30	1/4 lb. \$1.00	Lb. \$3.00
Early Milan, Pure White, Selected. Very handsome, pure white and as early as the above; flesh very sweet and tender.	10.	.30	1.00	3.00
Early Snowball. Small, and rapid growth; pure white.	10.	.20	.50	1.50
Cow Horn. Long, white; in shape resembles a cow's horn.	10.	.20	.50	1.50
Golden Ball. Very handsome; keeps fairly well.	10.	.20	.50	1.50
Quicksilver. A perfect shaped, round, white skinned, with solid white flesh variety. Very quick growing and fine for exhibition.	10.	.35	1.00	3.00
Red Top, Strap Leaf. The popular Fall flat sort.	10.	.20	.50	1.50
Red Top, Globe-shaped. A standard sort in the New York market.	10.	.20	.50	1.50
White Egg. Oval, handsome and sweet.	10.	.20	.50	1.50
White Strap Leaf Flat. A good early white flat sort.	10.	.20	.50	1.50
Yellow Globe. Good and sweet; keeps fairly well.	10.	.20	.50	1.50
Yellow Stone. Fine, hard-Winter sort.	10.	.20	.50	1.50
Yellow Aberdeen. A hardy and productive variety of excellent quality.	10.	.20	.50	1.50

RUTA-BAGA

Seed should be sown the end of June or July. Desirable for table use and feeding stock.

American Purple Top. A strain of Purple top yellow. . . . .	.10	.20	.50	1.50
Champion Purple Top. Very large. . . . .	.10	.20	.50	1.50
White-Fleshed. Large and productive. . . . .	.10	.25	.75	2.00



HERBS—SWEET AND MEDICINAL

	Pkt.	Oz.
Anise. Seeds aromatic.....	\$0.10	\$0.30
Balm. For culinary purposes.....	.10	.40
Basil, Sweet. Culinary herb used for flavoring soups, etc.....	.10	.30
Borage. Leaves used as a salad.....	.10	.30
Caraway. Used in flavoring bread....	.10	.30
Catnip. Has medicinal qualities.....	.10	1.00
Dill. Seeds used for flavoring.....	.10	.20
Fennel, Sweet. Seeds aromatic; for flavoring.....	.10	.25
Fennel, Florence. In flavor resem- bling Celery.....	.10	.25
Hyssop. Has medicinal qualities.....	.10	.50
Horehound. Has medicinal qualities.	.10	.50

	Pkt.	Oz.
Lavender. For oil and distilled water..	\$0.10	\$0.45
Marigold, Pot. Single. For medi- cinal purposes.....	.10	.25
Marjoram, Sweet. Used in season- ing.....	.10	.50
Mint. Peppermint.....	.25	
Rosemary. Yields an aromatic oil....	.10	.50
Sage, Broad Leaf. A culinary herb..	.10	.50
Savory, Summer. A culinary herb....	.10	.50
Savory, Winter.....	.10	.50
Tarragon.....	.10	.60
Thyme, Broad-leaved English. Used as a seasoning.....	.10	1.00
Wormwood. Has medicinal qualities.	.10	.50

PLANTS OF HERBS

To meet the increasing demand for plants of the most popular herbs, we can supply the following:

	Each	Doz.
Balm.....	\$0.25	\$2.50
Chives.....	.25	2.50
Horehound.....	.25	2.50
Hyssop.....	.25	2.50
Lavender, True.....	.25	2.50
Marjoram, Pot.....	.25	2.50

	Each	Doz.
Mint (Peppermint).....	\$0.25	\$2.50
Rosemary.....	.25	2.50
Sage, Common.....	.25	2.50
Savory, Winter.....	.25	2.50
Thyme, French.....	.25	2.50
Tarragon.....	.35	3.50

VEGETABLE PLANTS AND ROOTS

Prices of Vegetable Plants are subject to change at time shipments are made.

Artichoke Plants, Globe, Selected Large Green.
Ready April 1st. Doz. \$2.50, 100 \$20.00

Asparagus Roots. See page 5.

Cabbage Plants. For April and May delivery.
Doz. 30c., 100 \$1.75. Delivery July and August.
100 \$1.00, 1000 \$7.00.

Cauliflower Plants. Snowball and Selected Er-
furt. Pot-grown; ready April and May. Doz.
50c., 100 \$3.50.

Celery (Golden Self-Blanching). White Plume,
Winter Queen or Giant Pascal. Extra strong,
transplanted plants. Delivery June and July.
100 \$1.25, 1000 \$10.00.

Chicory Roots. Strong for forcing. Doz. \$1.00,
100 \$7.00.

Egg Plants. Ready in May and June. Grown in
pots. Doz. \$1.00, 100 \$7.00.

Horse Radish Sets, New Bohemian. A new va-
riety, which produces roots of enormous size and
succeeds in every soil. Doz. 20c., 100 \$1.00.

Kohl-Rabi (White Vienna). Doz. 30c., 100 \$2.00.

Lettuce. Ready in April and May. Boston Mar-
ket, Pasis Cos. Doz. 30c., 100 \$1.75.

Parsley (Double Curled). Doz. 30c., 100 \$1.75.

Peppers. Ready in May and June. (Bell or Bull
Nose). Long Red Cayenne. Doz. 50c., 100 \$3.50.

Rhubarb Roots, Victoria. Strong roots. Each
25c., doz. \$2.50, 100 \$20.00.

Sweet Potato Plants. Ready in May and June.
100 75c., 1000 \$3.00.

Tomato Plants. Ready in May and June. Acme,
Dwarf Champion, Perfection, Ponderosa, Stone,
etc. Doz. 40c., 100 \$3.00. Small Fruit Varieties.
Doz. 60c. Pot-grown plants. Doz. 60c.

Vegetable Plants will be shipped by express in due time for planting at purchaser's risk only.
We carry a supply at our store in their respective planting seasons.

BIRD SEEDS, ETC.

	Per lb.
CANARY. Best Sicily.....	\$0.12
CANARY SEED, Mixed.....	.15
FISH FOOD.....	Pkg. 10c.
GRAVEL FOR CAGES.....	Qt. 12c.
HEMP.....	.5 lbs. 50c.
LETTUCE SEED.....	Oz. 5c. .30

	Per lb.
MILLET, AMERICAN.....	4 lbs. 50c. \$0.15
RAPE.....	2 lbs. 25c. .15
SUNFLOWER SEED. For parrots..	2 lbs. 25c. .15
CUTTLEFISH BONE.....	.60
THISTLE SEED.....	.40

Prices of Bird Seed are subject to change of Market Values throughout the year.



FARM AND FIELD SEEDS

BARLEY

48 lbs. to the bushel, 2 bushels to the acre.

	Peck	Bush.
Spring Barley. A good standard sort.....	\$1.00	\$3.50
Beardless, Spring. This variety is free from beards.....	1.25	4.00

BEANS

Sow $\frac{1}{2}$ to $\frac{3}{4}$ bushels to the acre.

Pea or Navy Beans. Used when dry for cooking.....	Market price	
Soja Bean, Mammoth Yellow. Valuable as a forage crop and for fertilizing the soil. Thrives well in hot and dry weather. Sow broadcast $\frac{1}{2}$ bushel to acre, or plant in drills 3 ft. apart and 1 ft. between plants.....	\$1.25	\$4.00
Velvet Bean. Used as a forage plant, and as a fertilizing plant for turning under. Stock readily eat the vines and leaves. Plant in rows 4 feet apart and 1 foot in the row.....	1.75	6.00

BROOM CORN

	Lb.	100 lbs.
Evergreen. Succeeds in a good, deep soil; it is very sensitive to cold. Sow 10 lbs. to acre....	\$0.20	\$15.00

BUCKWHEAT

48 lbs. to the bushel. Sow 1 bushel to the acre.

	Peck	Bush.
Japanese. Earliest and most productive of the Buckwheats.....	\$1.00	\$3.50

FIELD CORN

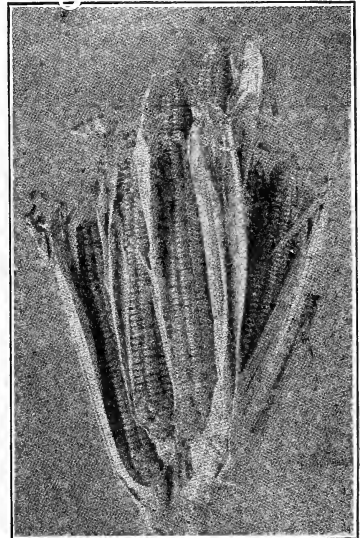
8 quarts will plant 1 acre in hills, 3 bushels will sow 1 acre broadcast.

FLINT VARIETIES

Early Yellow Canada. A very desirable variety. Ears rather small, 8-rowed and deep grained. The earliest Flint Corn, usually ripening in August and producing a large yield.....	Peck	Bush.
	\$1.00	\$3.50
Golden Nugget. Very early, large ears, which average from 12 to 15 in. long.....	1.25	4.00
Longfellow. A very large-eared Flint variety, grown very extensively in this vicinity for its productive- ness. Ears 8-rowed, often 14 to 15 in. long, with small cob and deep kernels.....	1.00	3.50
Luce's Favorite. A hybrid between the Yellow Flint and Golden Dent. Ears large and abundant foliage. Valuable for ensilage or as a shell corn.....	1.25	4.00
Sanford White Flint. Of spreading habit, long ears and very tall. Valuable for fodder.....	1.00	3.50

DENT VARIETIES

Early Leaming. This variety is similar to Improved Leaming but is fully two weeks earlier in maturity.	1.00	3.50
Improved Leaming. Large, handsome ears, deep- grained and of a deep orange color. An early- maturing variety, distinctly Dent, and a great yielder.....	1.00	3.25



Longfellow Corn

FODDER AND ENSILAGE VARIETIES

Eureka. One of the finest and most productive field Corns grown. The plants grow 12 to 15 ft. high. Valuable for ensilage or as a yellow Dent Corn.....	Peck	Bush.
	\$1.00	\$3.00
Southern Horse Tooth. A large, leafy grower, especially valuable for ensilage.....	1.00	3.00
Sweet Fodder. Succulent and nutritious for feeding green.....	1.00	3.50

MANGEL-WURZEL AND SUGAR BEET

Sow 6 to 8 pounds per acre

	$\frac{1}{4}$ lb.	Lb.
Champion Yellow Globe. Bright orange color; globe-shaped and of excellent quality.	\$0.30	\$0.70
Golden Tankard. An enormous yielder per acre. Flesh deep yellow.....	.30	.70
Mammoth Long Red. The largest and heaviest cropper of all the Mangels.....	.30	.70

Prices on all Farm Seeds are subject to market fluctuations.

MILLET

Per lb. Bus. 100 lbs

Golden. Very large crop, though not so early as Hungarian. Grows 3 to 5 ft. high. Requires good soil. Sow 1 bushel to the acre, 48 lbs. to the bushel.....\$0.15 \$4.00 \$7.50

Hungarian. A favorite Summer forage crop. Sow in June, can be cut in about 60 days. Will yield two to three tons of hay per acre. Withstands heat and drought well. Plant about 3 pecks to 1 bushel per acre, 48 lbs. to the bushel..... .15 4.00 7.50

Japanese. Sometimes called Barnyard Millet. Grows very tall, 6 to 7 ft.; makes valuable forage and is the greatest yielder of all the Millets. Sow about 15 lbs. per acre, 35 lbs. to the bushel..... .20 3.00 7.50

OATS

Sow 2 to 3 bushels to the acre, 32 lbs. to the bushel.

Storm King. The heads measure from 8 to 10 in. and the kernels are of immense size, thick, plump and heavy. It is very early, has great length of straw, producing 70 bushels per acre. We can safely say it is the greatest producer of any variety of Oats grown in this country. Bus. \$2.75, 10 bus. or over, \$2.50 per bus.

White Tartar. A remarkably handsome and perfect white Oat, extremely early, in fact, the earliest variety in cultivation. It is an enormous cropper. The straw is long, very strong, and holds up well. The heads are large and well filled, Pk. 50c., bus. \$2.50, 10 bus. or over, \$2.35 per bus.

Golden Rain Swedish White Oat. This variety has the highest record of any white Oat on poor land. The grain, though relatively small, is broad, very full, extremely thin skinned, and of a light yellow color. The yield is remarkably good and it is very early. The straw is long and will stand up in the roughest weather. Imported seed. Bus. \$4.00.

Wasa White Swedish Oat. The highest record of any White Oat on good Oat land. It yields a wonderfully heavy crop, the straw is of medium height, and very strong. The grain is short, plump, thin skinned and pearly white. Ripens medium early. Imported seed. Bus. \$4.00.



PEAS

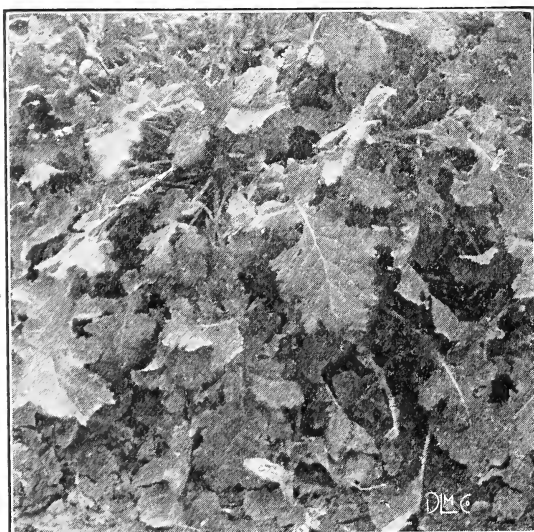
Canada Field. Valuable for cattle feeding. Also used for ensilage. Sown broadcast in the Spring at the rate of two bushels to the acre. Pk. \$1.50, bus. \$5.00.

Cow Peas, Clay. This variety is of extra strong growth and specially adapted for sowing in Northern States. Sow 2 bushels per acre, 60 lbs. per bushel. Bus. \$5.00.

Cow Peas, Whippoorwill. A very early maturing variety of upright or bush growth. Bus. \$5.50.

RAPE

Dwarf Essex. Fine for sheep pasture; valuable as a soil enricher. Plant in June or July in drills at the rate of 3 lbs. per acre, broadcast 5 lbs. per acre. Can be planted alone or with other forage crops. Lb. 20c., 100 lbs. \$12.00.



Dwarf Essex Rape

RYE

For grain, 1 bushel to the acre; for forage or soiling, 1½ bushels, 56 lbs to the bushel.

	Pk.	Bus.
Spring. This is excellent for a catch-crop, as it may be sown somewhat later than other grains and produces an abundance of green feed in the Summer season.....	\$1.25	\$4.50
Giant Winter. This variety is fast gaining in popularity as a cover crop. If allowed to mature will produce a heavy crop of grain, and a fine quality of straw if cut about July 1.....	1.00	3.50
New Rosen. A four-row Winter variety introduced in Michigan.....	1.25	4.00

SORGHUM

Early Amber Sugar Cane. The earliest and most productive variety. Height, 10 to 12 ft. For ensilage or fodder it possesses good qualities; stock of all kinds relish it. Sow 7 lbs. in drills, or 15 lbs. broadcast, to acre.....	\$0.15	\$12.00
Kaffir Corn (White). Excellent forage for horses and cattle, and excellent feed for poultry. Sow 4 to 5 lbs. per acre.....	.15	12.00

SUDAN GRASS

A new forage crop of immense value. Sudan Grass is strictly an annual and dies each year like Millet and must be seeded again each Spring. Sudan Grass reaches a height of from 7 to 9 feet, yet the stems are small and tender. The plant stools wonderfully and produces under favorable conditions as many as 100 stalks from a single root. The seed should not be planted until the soil has become warm in the Spring and preferably on warm, light soil. Sow in drills 2 to 3 lbs. per acre; broadcasted, 16 to 24 lbs. per acre. Cut just after bloom, so ample time may be had for second growth. Lb. 20c., 100 lbs. \$12.00

SUNFLOWER

Mammoth Russian. Very productive, large heads with large seeds. Valuable for poultry, 5 lbs. will plant 1 acre. Lb. 25c., 25 lbs. \$4.00. 100 lbs. \$15.00.



Winter Vetch

VETCHES, OR TARES

Spring Vetches (*Vicia sativa*). Highly valuable for soiling or for green manuring. Sometimes grown with Oats for mowing and feeding to stock. Use 40 to 60 lbs. to the acre. Sow in Spring while ground is cool and moist, or in early Autumn. Lb. 15c., 100 lbs. \$12.00.

Winter Vetches (*Vicia villosa*). Also called Sand Vetch, or Hairy Vetch. Recommended for Fall sowing with Rye. A valuable food for stock in early Spring. Use 30 to 50 lbs. per acre. Lb. 30c., 100 lbs. \$26.00.

WHEAT

The seed Wheat we offer is grown in Pennsylvania by a very reliable grower, especially for seed purposes. Sow 1½ bushels to the acre.

Marquis Spring. A very early beardless Wheat that succeeds well in the East, producing larger yields than any other kind. Sow as early as possible about 2½ bushels per acre. Bus. \$4.00.

Golden Wave. A grand large red grain, bearded variety.....Market price

Pennsylvania 44. A bearded, large red variety originated at the Pennsylvania State College Experiment Station some years ago.....Market price

Red Wave. Has long, well-filled heads and large, heavy red grain.

The heads are beardless.....Market price

Prices on all Farm Seeds are subject to market fluctuations.



Red Wave Wheat

GRASS SEEDS

For Pasture, Mowing and Lawn

Prices subject to market changes.

	Weight per bush.	Lb.	Bushel	100 lbs.
Canadian Blue Grass (<i>Poa compressa</i>). A more rapid grower than Kentucky Blue Grass and equally good for pasture, but not as suitable for lawns. This is an excellent pasture grass for poor, dry land and should be more largely used for this purpose.	14 lbs.	\$0.45	\$5.00	\$35.00
Creeping Bent Grass (<i>Agrostis stolonifera</i>). Desirable for mixing with other lawn or pasture grasses.	15 lbs.	Market Price		
Crested Dogtail (<i>Cynosurus cristatus</i>). Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. For parks this grass is well suited because of its fine, close growth and pleasant green color.	20 lbs.	.80	14.00	70.00
English Rye Grass (<i>Lolium perenne</i>). Produces a strong growth in four or five weeks after sowing. It cures into a hay that is rather hard, but having a sweet flavor and much relished by cattle and horses. Sow 60 lbs. to acre.	24 lbs.	.25	5.00	20.00
English Rye Grass (Pacey's). A carefully selected, short-seeded, dwarf-growing strain, suitable for lawns.	24 lbs.	.30	5.50	22.00
Fine Leaved Fescue (<i>Festuca ovina tenuifolia</i>). Suitable for lawns and putting greens.	16 lbs.	1.50	23.00	.....
Hard Fescue (<i>Festuca duriuscula</i>). A slender, densely tufted perennial grass, 1 to 2 ft. high. Thrives on dry, sandy soils.	14 lbs.	.70	8.50	60.00
Italian Rye Grass (<i>Lolium italicum</i>). It is a very rapid grower, forms a dense turf, and is regarded as an excellent hay grass.	22 lbs.	.25	4.50	20.00
Kentucky Blue Grass (<i>Poa pratensis</i>). A very widely distributed species, and without a rival as a pasture grass. Being of perennial habit, it will, when established, last indefinitely. One of the finest varieties of grasses for use in lawns, owing to the thick growth of sod.	14 lbs.	.55	6.50	45.00
Meadow Fescue, or English Blue Grass (<i>Festuca pratensis</i>). Root creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted for permanent pastures. It grows rapidly in rich and rather moist soils and makes an excellent pasture grass, its long, tender leaves being much relished by cattle. It should be always mixed with other grasses.	15 lbs.	.30	3.00	20.00
Meadow Foxtail (<i>Alopecurus pratensis</i>). One of the best grasses for permanent pasture, and should always form a fair proportion of the mixtures for that purpose. Thrives best on a rich, strong soil.	10 lbs.	1.25	10.00	.....
New Zealand Fescue (<i>Festuca rubra</i>). Resists extreme drought; thrives on inferior soils, gravelly banks and exposed hills. 25 lbs. to acre.	14 lbs.	1.10	14.00	100.00
Orchard Grass . A good grass for hay crop, yielding nearly the same amount as Timothy and almost equal in feeding value. Orchard Grass will grow on almost every soil. It prefers a moderately dry soil with considerable sandy material. One of the best grasses for sowing in shady places and among fruit trees in orchards. 35 to 40 lbs. required for one acre.	14 lbs.	.30	3.50	25.00
Red Top (<i>Agrostis vulgaris</i>). A highly recommended grass for permanent pasture and as meadow grass for hay. Red Top is especially valuable for sour and acid soils, and meadow lands, and those that are not rich enough for Timothy or Clover; its does not thrive on sandy or leachy soils, but will adapt itself to a wider range of soils than any other grass. Red Top makes one of the best grasses for lawn use, either sown alone or in connection with White Clover, or in a mixture with other grasses.	30 lbs.	.40	10.50	35.00
Red Top, Fancy Cleaned . Use 14 to 16 lbs. to acre.	14 lbs.	.30	3.25	22.00
Red Top, Unhulled . Use from 40 to 50 lbs. to the acre.	14 lbs.	.30	3.25	22.00
Rhode Island Bent (<i>Agrostis canina</i>). Root creeping; perennial; flowers in July. A most valuable permanent grass, largely used for pastures and lawns. Soil and treatment same as for Red Top.	14 lbs.	Market price		
Rough Stalked Meadow Grass (<i>Poa trivialis</i>). A spreading, stoloniferous rooted grass. Adapted for shady lawns and pasture mixtures.	14 lbs.	1.20	14.00	.....
Sheep Fescue (<i>Festuca ovina</i>). A small tufted, hardy grass, of value in mixture for lawns or dry soil.	14 lbs.	.70	8.50	60.00
Tall Fescue (<i>Festuca elatior</i>). Used for pastures.	22 lbs.	.65	12.25	55.00
Tall Meadow Oat Grass (<i>Avena elatior</i>). A fibrous-rooted perennial; flowers in July; of luxuriant growth, and valuable in permanent pasture on account of its early and late growth.	10 lbs.	.55	4.50	45.00
Timothy, or Herb Grass (<i>Phleum pratense</i>). The standard hay of commerce. The excellent quality of the hay and the ease of culture make it valuable. It is adapted to most soils, but succeeds best on moist loam and clay. Timothy sown alone requires about 20 lbs. per acre; when sown with Red Clover use 15 lbs. Timothy and 5 lbs. Red Clover.	45 lbs.	.20	5.50	12.00
Wood Meadow Grass (<i>Poa nemoralis</i>). Excellent for shaded positions in lawns and woodland parks. Very hardy, resisting extremes of heat and cold.	14 lbs.	1.75	21.00	.....

GRASS FOR HAY CROPS AND PASTURES



MIXTURES FOR HAY AND PERMANENT PASTURES

The results obtained from our special Grass Seed mixtures are well known by the constantly increasing demand for them. Fall seeding is preferable, but Spring sowing will be successful if done early, while the land is cool and moist. In addition to the Grasses, we advise sowing 10 lbs. of Mixed Clover Seed per acre.

We recommend sowing 50 lbs. to the acre.

- PERMANENT PASTURE MIXTURE NO. 1.** For cool and moist soils. Bus. (15 lbs.)
PERMANENT PASTURE MIXTURE NO. 2. For dry soils. Bus. (15 lbs.)
PERMANENT PASTURE MIXTURE NO. 3. For wet soils. Bus. (15 lbs.)
PERMANENT HAY MIXTURE NO. 4. For good, cool and moist soils. Bus. (15 lbs.)
PERMANENT HAY MIXTURE NO. 5. For high, dry soils. Bus. (15 lbs.)

Prices of any of the above Mixtures, 10 lbs. \$4.25, 50 lbs. \$20.00, 100 lbs. \$40.00.

CLOVERS

Prices subject to market changes.

	Quantity for acre	Per lb.	Per bushel	Per 100 lbs.
Alfalfa, or Lucerne (<i>Medicago sativa</i>). One of the most valuable forage plants.....	20 lbs.	\$0.45	\$21.00	\$35.00
Alfalfa, Grimm. Much hardier than other variety.....	20 lbs.	1.25	54.00	90.00
Alsike (<i>Trifolium hybridum</i>). The hardiest of all Clovers, can be cut several times in one season. Grows well on low, wet land.....	10 lbs.	.45	21.00	35.00
Crimson, or Scarlet Clover (<i>Trifolium incarnatum</i>). An annual variety producing large crops of green foliage.....	20 lbs.	.35	18.00	30.00
Mammoth Red, or Pea Vine. Grows much taller than Medium Red Clover. 10 lbs.	10 lbs.	.50	24.00	40.00
Medium Red (<i>Trifolium pratense</i>). This is the common Red Clover so largely grown throughout the country.....	15 lbs.	.45	21.50	35.00
Sweet Clover, Bokhara (<i>Melilotus alba</i>). Will grow on very poor soils; useful for ensilage and plowing under. Grows from 3 to 4 ft. high. Hulled seed.....	15 lbs.	.30	12.00	20.00
White Clover (<i>Trifolium repens</i>). The best variety for lawns; valuable in permanent pastures.....	10 lbs.	1.00	54.00	90.00
Mixed Clover	10 lbs.	.55	27.00	45.00

MULFORD CULTURES. For Clovers, 1-acre size \$1.50, 5 acres \$5.00. State which variety of Clover wanted for.

NITRAGIN. For Clovers. Culture for $\frac{1}{4}$ bus. seed 40c.; for $\frac{1}{2}$ bus. seed 60c., 1 bus. seed \$1.00; 5 bus. seed \$4.75.

MARSHALL'S LAWN GRASS SEEDS



MARSHALL'S "SPECIAL" LAWN GRASS MIXTURE

Marshall's Special Lawn Grass Seed produces a perfect and enduring lawn of luxuriant richness with closely interwoven, firm and elastic turf, and it is usually ready for cutting in six weeks from time of sowing. This Lawn Grass is composed of a combination of various fine-leaved, deep-rooting grasses of interweaving habit, that flourish under our varied conditions, soils and climates, growing during different seasons of the year, so that a deep green, smooth and velvety sward, free from clumps, is maintained without burning brown in Summer.

This mixture contains highest grade re-cleaned seeds of Red Top, Kentucky Blue, Sheep's Fescue, Pacey's Rye, Fine-leaved Fescue and White Clover blended in suitable quantities.

Price: Lb. 60c., 5 lbs. \$2.75, 20 lbs. \$10.00, 100 lbs. \$50.00.

MARSHALL'S "CENTRAL PARK" LAWN GRASS

Marshall's Central Park Lawn Grass will produce an even, dense growth of permanent sward as early in the season as it is possible to do. This mixture contains no annual grasses for making quick show to the detriment of a good lawn, but only those of lasting value and hardiness, which, when once established, need no reseeded for years. Our seed, which we know to be as pure as can be found anywhere, is of the best varieties, best suited for even and permanent growth; it is carefully cleaned and free as it is possible to make it from foreign matter.

1 lb. will sow 20x20 feet (400 square feet); 5 lbs., 50x50 feet (2500 square feet); 20 lbs. 100x100 feet (10,000 square feet); 100 lbs., one acre.

Price: Lb. 50c., 5 lbs. \$2.00, 20 lbs. \$7.00, 100 lbs. \$35.00.

MARSHALL'S "SHADY PLACE" LAWN GRASS

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places; for sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those adapted for growing in shade. It has been successfully used on some large operations where a green sward was desired on land partially shaded by old trees.

Price: Lb. 70c., 5 lbs. \$3.25, bu. 20 lbs., \$12.00, 100 lbs. \$60.00.

SPECIAL LAWN GRASS MIXTURE FOR SEASIDE LAWNS

A mixture of fine grasses peculiarly suited to seaside lawns and very sandy soils.

Price: Lb. 50c., 5 lbs. \$2.00, 20 lbs. \$7.00.

MARSHALL'S LAWN RESTORING GRASS SEED

A mixture of grasses suited to take firm hold and grow quickly on hard, wornout, or burned spots. The best time to resow them is very early in Spring, but seed may also be sown from September to October.

Price: Lb. 50c., 5 lbs. \$2.00, bu. 20 lbs., \$7.00.

MARSHALL'S TERRACE MIXTURE LAWN GRASS

A special mixture of grasses for sowing on terraces and side hills—grasses that produce strong, spreading roots, thus preventing heavy rain from washing them out; that will withstand drought and exposure, thrive on shallow soils and produce a rich, green turf throughout the season.

Price: Lb. 70c., 5 lbs. \$2.75, bu. 20 lbs. \$10.00.



PERMANENT GRASS MIXTURES FOR GOLF LINKS

MARSHALL'S PUTTING GREEN, or TENNIS COURT MIXTURE

A very carefully prepared mixture for use on putting greens, croquet lawns, tennis courts, bowling greens and lawns. This mixture produces a very thick, soft growth, when sown on a well-prepared ground, and mowed short will allow a ball to roll in almost a direct line. We especially recommend this mixture to those who are particular to obtain the very best. Our mixture contains only the very fine-bladed species of grasses without Rye Grass. 25 lbs. will seed a putting green 75 feet square.

Per lb. 85c., 5 lbs. \$4.00, 25 lbs. \$16.50, 100 lbs. \$65.00.

MARSHALL'S FAIR GREEN MIXTURE

Marshall's Fair Green Mixture is composed mainly of perennial native grasses and two very important European grasses which have proven of great value for Fair Green use. They are all of dwarf spreading growth, forming a close velvety surface which improves from year to year if given proper care.

This mixture contains no Clover but will be added if desired in quantity of one-half pound per bushel of grass seed. Sow 100 lbs. per acre.

Price: 20 lbs. \$8.00, 100 lbs. \$40.00.



GENERAL LIST OF

Marshall's Matchless Flower Seeds

ALL FLOWER SEEDS ARE MAILED FREE AT PACKET, OUNCE AND POUND RATE TO ANY POST OFFICE IN THE UNITED STATES

The following list contains a most complete assortment of the choicest and most popular flowers for either conservatory, greenhouse or garden culture.

Annuals grow from seed, flower, mature their seed, and die in one year, or, in other words, the same season.

Hardy Annuals are those which can be sown in the open ground.

Half-Hardy Annuals are those which should be started early in the house, conservatory or hotbed, and transplanted to the garden in settled warm weather.

Biennials grow from seed, sown from June to August, flower, ripen their seed and die the next year, though some varieties bloom the same season if sown early in gentle heat.

Hardy Biennials will winter in the open ground without protection.

Perennials grow from seed, and continue flowering annually for many years after the first season. Some varieties flower the first season if planted early in gentle heat.

Half-Hardy Biennials require the protection of a coldframe or cool house during Winter.

Hardy Perennials can remain in the open ground during Winter without protection.

Half-Hardy Perennials require the protection of a coldframe or cool house during the Winter.

Tender or Greenhouse Perennials require window or greenhouse culture, free from frost during Winter, and thrive in the garden during the warm months.

EXPLANATION OF FLOWER SEED ABBREVIATIONS

H.A. designates Hardy Annuals—Lasting but one year.
H.H.A. " Half-Hardy Annuals—Lasting but one year.
H.B. " Hardy Biennials—Lasting but two years.
H.H.B. " Half-Hardy Biennials—Require protection during Winter.
H.P. " Hardy Perennials—Lasting three or more years.

H.H.P. designates Half-Hardy Perennials—Require protection during Winter.
H.C. " Hardy Climber—Lasting three or more years.
G.S. " Greenhouse Shrub.
H.A.C. " Hardy Annual Climber.

NAME AND DESCRIPTION		Height in feet	Duration	Ounce	Pkt.
ABOBRA viridiflora.	A rapid-growing, climbing plant, scarlet fruit.	10	H.A.C.	....	\$0.10
ABRONIA umbellata.	Trailing annual, pink flower trusses. $\frac{1}{4}$ oz. 25 cts.	$\frac{3}{4}$	H.A.	\$0.75	.10
ABUTILON. New Hybrids.	Mixed, large bell-shaped flowers.	....	G.S.	....	.25
ACACIA.	Finest mixed, elegant Winter and Spring flowering plants.	....	G.S.	1.00	.15
ACHILLEA Ptarmica,	"The Pearl." Double white flowers. $\frac{1}{8}$ oz. \$1.00.	$1\frac{1}{2}$	H.P.	....	.25
ACONITUM Napellus.	Large, dark blue flowers in August. $\frac{1}{4}$ oz. \$1.00.	3	H.P.	....	.15
Wilsonii.	Light blue flowers in large trusses.	4	H.P.	....	.25
ACROCLINIUM.	Pretty everlasting flowers; fine for Winter bouquets.				
album.	Pure white; double flowers. $\frac{1}{4}$ oz. 25 cts.	1	H.H.A.	.75	.10
roseum.	Bright rose; double flowers. $\frac{1}{4}$ oz. 30 cts.	1	....	.75	.10
Finest Mixed Colors.	$\frac{1}{4}$ oz. 20 cts.	1	....	.60	.10
ADLUMIA. cirrhosa	(Mountain Fringe). Pink flowers.	10	H.B.	....	.25
ADONIS autumnalis.	Flowers crimson with dark center.	1	H.A.	.75	.15
vernalis.	Large, yellow; flowers in early Spring. $\frac{1}{4}$ oz. 75 cts.	$1\frac{1}{2}$	H.P.	....	.15



NAME AND DESCRIPTION	Height		Ounce	Pkt.
	In feet	Duration		
AGATHÆA Cœlestis (Blue Marguerite). Pretty blue Daisy-like flowers. An excellent pot plant.	1½	H.H.P.	....	.25
AGERATUM. Blooms throughout the Summer; feathery flowers in clusters.				
<i>mexicanum.</i> Fine for bedding or pot culture. Blue. ¼ oz. 30 cts.	1½	H.A.	.75	.10
<i>mexicanum album.</i> A beautiful white variety. ¼ oz. 30 cts.	1½	....	.75	.10
<i>Imperial Dwarf Blue.</i> Extra neat; fine for edging. ¼ oz. 50 cts.	¾	....	1.50	.15
<i>Imperial Dwarf White.</i> Pretty for contrast; fine for edgings. ¼ oz. 50 cts.	¾	....	1.50	.15
<i>Blue Perfection.</i> Very fine dwarf. ¼ oz. 50 cts.	¾	....	1.25	.15
<i>Little Blue Star.</i> Light blue; fine for carpet bedding. ⅛ oz. \$1.50.	½	....	....	.25
<i>Princess Victoria Louise.</i> Dwarf, light blue, white center. ¼ oz. 75 cts.	¾	....	1.50	.25
<i>Swanley Blue.</i> A fine, large-flowered sort. ¼ oz. 50 cts.	1	....	1.25	.15
AGROSTEMMA Cœli-rosa (Rose of Heaven). Bright rose; excellent for cutting. ¼ oz. 25 cts.	1½	H.A.	.75	.10
<i>Cœli-alba.</i> White. ¼ oz. 25 cts. ....	....	....	.75	.10
<i>coronaria</i> (Rose Campion). Crimson flowers, silver foliage. ¼ oz. 35 cts.	2	H.P.	....	.10
ALSTREMERIA HYBRIDS. Mixed. Lily-like perennials with clusters of flowers on long stems in yellow and orange-red shades.	3	H.P.	....	.25
ALYSSUM. Pretty little plants for beds, vases, baskets, edgings or rockwork; blooming profusely all Summer.				
<i>maritimum</i> (Sweet Alyssum). Fragrant, white; flowers all Summer.	½	H.A.	.50	.05
<i>maritimum compactum, Little Gem.</i> Grows erect; fine for edging.	½	....	1.00	.10
<i>Benthamii compactum. Lilac Queen.</i> Pure lilac flowers, dwarf and compact growth. ¼ oz. 35 cts.	½	....	1.00	.10
<i>Benthamii compactum lutescens.</i> Yellowish flowers on strictly upright flower spikes. ¼ oz. 40 cts.	½	....	1.25	.10
<i>procumbens. Carpet of Snow.</i> Dwarf; pure white. ¼ oz. 50 cts.	¼	....	1.25	.10
<i>saxatile compacta.</i> Spring-blooming Alyssum with yellow flowers. ¼ oz. 50 cts.	1	H.P.	....	.10
AMARANTHUS. Ornamental foliage plants, producing a striking effect either in the conservatory or flower garden.				
<i>caudatus</i> (Love Lies Bleeding). Long drooping crimson spikes. ¼ oz. 35 cts.	3	H.H.A.	.75	.10
<i>salicifolius</i> (Fountain Plant). Distinct variety, with graceful drooping leaves. ¼ oz. 35 cts.	2½	....	1.00	.10
<i>tricolor</i> (Joseph's Coat). Leaves red, yellow and green. ¼ oz. 35 cts.	2	....	1.00	.10
AMPELOPSIS Veitchii (Japanese Woodbine, or Boston Ivy).	10	H.C.	.75	.15
ANAGALLIS grandiflora (Pimpernelle). Showy garden plant. ¼ oz. 35 cts.	6	H.H.A.	1.00	.10
ANCHUSA capensis. Flowers resembling large Forget-Me-Nots. ¼ oz. 35 cts.	1½	H.A.	1.00	.10
<i>grandiflora</i> (Dropmore Variety). Large flowered, dark blue. ⅛ oz. 50 cts.	5	H.P.	....	.15
ANEMONE. A very pleasing perennial, producing large flowers.				
<i>coronaria, St. Brigid</i> (Poppy Anemone). Mixed colors, ⅛ oz. 50 cts.	1	H.P.	....	.10
ANGELONIA Grandiflora. A sweet-scented greenhouse plant with dainty mauve sprays of flowers.	2	G.P.	....	.25
ANTHEMIS Kelwayii. Very pretty small flower, like a yellow Chrysanthemum. ¼ oz. 75 cts.	½	H.P.	....	.15
ANTIRRHINUM. The Snapdragon is one of our finest biennials, flowering the first year as annuals. Their rich spikes are beautiful for cutting, and keep fresh a long time. From seed sown in the open ground plants will bloom in July and August. ....	....	H.H.B.	....	....
Large Flowering Half-Dwarf Varieties. The best for bedding purposes, growing about 18 inches high.				
<i>Dwarf Black Prince.</i> Dark leaved, blackish crimson purple. ⅛ oz. 50 cts.	1½	H.H.B.	....	.15
<i>Dwarf Defiance.</i> Fiery scarlet. ⅛ oz. 50 cts. ....	....	....	....	.15
<i>Dwarf Golden Queen grandiflora.</i> Pure yellow. ⅛ oz. 50 cts. ....	....	....	....	.15
<i>Dwarf Queen of the North.</i> White. ⅛ oz. 50 cts. ....	....	....	....	.15
<i>Dwarf roseum superbum.</i> Rosy-pink. ⅛ oz. 75 cts. ....	....	....	....	.15
<i>Dwarf The Bride.</i> White, changing to delicate rose. ⅛ oz. 50 cts. ....	....	....	....	.15
<i>Dwarf Fine Mixed.</i> All colors. ¼ oz. 50 cts. ....	....	....	1.50	.15
Collection of six above varieties. ....	....	....	....	.75
Marshall's Giant Flowering Varieties. These grow about 3 feet high and are all of the large flowering types.				
<i>Matchless White.</i> A selected strain for growing under glass.	3	....	....	.25
<i>Matchless Yellow.</i> A fine strain for greenhouses.	3	....	....	.25
<i>Bonfire.</i> Bright cinnabar red, yellow blotch. ¼ oz. 75 cts.	3	....	....	.10
<i>Coral Red.</i> Rich, with red throat. ¼ oz. 75 cts.	3	H.H.B.	....	.10
<i>Defiance.</i> Fiery scarlet. ¼ oz. 75 cts. ....	....	....	....	.10
<i>Firefly.</i> Scarlet and white. ¼ oz. 50 cts. ....	....	....	1.25	.10
<i>Indian Summer.</i> A rich velvety and glossy copper color. ....	....	....	....	.25
<i>Keystone.</i> Fine forcing pink.	3	....	....	.25
<i>Nelrose.</i> Rich coral pink. A splendid forcer.	3	....	....	.25
<i>Oak Ledge Beauty.</i> A beautiful pink with white throat. ....	....	....	....	.50
<i>Oak Ledge Favorite.</i> A distinct self pink for forcing or outside planting. ....	....	....	....	.50
<i>Philadelphia Pink.</i> A beautiful greenhouse pink. ....	....	....	....	.25
<i>Queen Victoria.</i> Large, white. ¼ oz. 50 cts. ....	....	....	....	.10
<i>roseum.</i> Rose. ¼ oz. 50 cts. ....	....	....	....	.10
<i>Ruby.</i> Pure ruby red. ¼ oz. 50 cts. ....	....	....	....	.10
<i>Salmon Pink.</i> Very large flowering. ¼ oz. 75 cts. ....	....	....	....	.15
<i>Silver Pink.</i> A large flowering variety. Ramsburg's strain. ....	....	....	....	.50
<i>Striped.</i> Odd and pretty. ¼ oz. 50 cts. ....	....	....	....	.10
<i>Venus.</i> Delicate rose on white ground. ¼ oz. 50 cts. ....	....	....	....	.15
<i>Giant Yellow.</i> ¼ oz. 60 cts. ....	....	....	....	.10
Giant Large-flowered Mixed. Fine variety of colors. ¼ oz. 35 cts. ....	....	....	1.00	.10
Collection of six distinct varieties. ....	....	....	....	.50
Collection of twelve distinct varieties. ....	....	....	....	1.00



NAME AND DESCRIPTION		Height in feet	Duration	Ounce	Pkt.
AQUILEGIA or Columbine. Fine, free flowering, hardy border plant—one of our most desirable perennials. Seed may be planted in the open ground early in Spring and will in some varieties bloom in the same season. Best results, however, are obtained by planting in August for the next season's blooming.					
Marshall's Matchless Long-Spurred Hybrids. A grand variety of colors of the long-spurred and large flowered forms. 1-16 oz. \$1.00		3	H.P.		
caerulea hybrida. Large flowered blue hybrids. $\frac{1}{8}$ oz. 50 cts.		3			\$0.25
chrysantha. Long-spurred, golden yellow. $\frac{1}{8}$ oz. 50 cts.		2			.15
chrysanta grandiflora alba. Large pure white. $\frac{1}{8}$ oz. \$1.00		2			.25
glandulosa vera. Dark blue, with white		1			.25
Skinneri. A beautiful scarlet, tipped green. $\frac{1}{8}$ oz. 75 cts.		2			.15
Collection of five choice varieties.					.75
Single. Mixed colors. $\frac{1}{4}$ oz. 60 cts.		2			.10
Double-flowering. Mixed Colors. $\frac{1}{4}$ oz. 60 cts.		2			.15
Special Mixture. Double and Single Hybrids. This mixture includes many long-spurred Hybrids in all colors. $\frac{1}{4}$ oz. 60 cts.					
ARABIS alpina. Excellent for borders or rockwork. Pure white. $\frac{1}{4}$ oz. 50 cts.		$\frac{1}{2}$	H.P.	\$1.50	.10
grandiflora rosea. A beautiful pink variety		$\frac{1}{2}$			.25
ARCTOTIS grandis. Daisy-like flowers; white shaded blue. $\frac{1}{4}$ oz. 50 cts.		2	H.A.		.15
ARMERIA, Giant Thrift. A pretty edging plant with deep pink flowers.		1	H.P.		.10
ASPARAGUS plumosus nanus. Graceful and feathery bright green foliage. 100 seeds, \$1.00		8	G.P.		.25
Sprengeri. A handsome variety of rapid growth for hanging baskets. 100 seeds, 50 cts.		3	G.P.		.25
ASPERULA odorata (Woodruff). The white flowers and foliage are perfumed		1	H.P.		.15
ASTERS. Plants from seeds sown in the open ground in May bloom finely in September and October when the flowers are seen at their best. For July and August flowers sow in March or April, in coldframe, spent hotbed, or pots or boxes in the house. Cover the seeds about half an inch deep with rich, light soil, and when the plants have three or four leaves, transplant about 18 inches apart each way into well-prepared beds.					
CHRYSANTHEMUM FLOWERED. Dwarf. A splendid variety of compact habit.			H.A.		
Separate colors: Brilliant Rose, Apple Blossom, Dark Blue, Fiery Scarlet, Light Blue, White. $\frac{1}{4}$ oz. \$1.25, each separate color		1		4.00	.15
Finest Mixed Colors. $\frac{1}{4}$ oz. \$1.00		1		3.50	.10
GREGO'S GIANT. Very early; on style of Queen of the Market, but with fluffy, graceful large flowers.		2			
Separate Colors: Crimson, Pink, Lavender, Purple, Rose, White. $\frac{1}{4}$ oz. \$1.25, each separate color				4.00	.15
Finest Mixed. All colors. $\frac{1}{4}$ oz. 75 cts.				3.50	.10
GIANT BRANCHING COMET. A Giant Comet type of Branching Asters. All large, full flowers.		2			
Separate Colors: Crimson, Lavender, Light Pink, Royal Purple, Rose and White. $\frac{1}{4}$ oz. \$1.00, each separate color				3.00	.10
Finest Mixed Colors. $\frac{1}{4}$ oz. 75 cts.				2.50	.10
IMPROVED GIANT BRANCHING. The flowers are large and fine for cutting.			H.A.		
Separate Colors: Crimson, Dark Blue, Light Blue, Rose, Shell-Pink, White. $\frac{1}{4}$ oz. \$1.00, each separate color		2		3.50	.10
Finest Mixed. All colors. $\frac{1}{4}$ oz. \$1.00				3.50	.10
Collection of six varieties.					.50
MARSHALL'S KING. Upright growth; large flowers with long and narrow petals.		2			
Separate Colors: Crimson, Lavender, Pink, Rose, Violet, White. $\frac{1}{4}$ oz. \$1.25, each separate color				4.00	.15
Finest Mixed King Varieties. $\frac{1}{4}$ oz. \$1.00		2		3.50	.10
OSTRICH PLUME. Splendid class, fine for cutting.					
Separate Colors: Light Blue, Crimson, Rose and White. $\frac{1}{4}$ oz. \$1.25				3.00	.10
Finest Mixed Colors. $\frac{1}{4}$ oz. \$1.00				3.50	.10
QUEEN OF THE MARKET. The earliest of all; in full bloom two weeks before most other sorts.		$1\frac{1}{2}$			
Separate Colors: Crimson, Dark Blue, Light Blue, Rose, Pink and White. $\frac{1}{4}$ oz. 75 cts., each separate color				3.00	.15
Choice Mixed. All colors. $\frac{1}{4}$ oz. 60 cts.				2.25	.10
SINGLE. Sinensis. Popular for cut flowers.					
Separate Colors: Light Blue, Pink, Rose, Violet or White. $\frac{1}{4}$ oz. \$1.00, each separate color		$1\frac{1}{2}$		3.00	.15
Finest Mixed Colors. $\frac{1}{4}$ oz. 75 cts.				2.50	.10
VARIOUS ASTERS.					
Daybreak. A delicate pink Aster. The flowers are very double and globe-shaped. $\frac{1}{4}$ oz. \$1.25		2		4.00	.15
Enchantress Pink. Very large flowers, delicate pink. $\frac{1}{4}$ oz. \$1.25		2		4.00	.15
Purity. Of the same type as Daybreak, differing only in color, which is a pure white. $\frac{1}{4}$ oz. \$1.25				4.00	.15
Yellow Fancy. Canary yellow flowers as large as the Giant Comet. Fine for cutting. $\frac{1}{4}$ oz. \$1.25		2		4.00	.15
ASTER. Michaelmas Daisy. Large flowering, hardy mixed, Fall flowering varieties. $\frac{1}{8}$ oz. \$1.00		$2\frac{1}{2}$	H.P.		.15
AUBRIETIA. Suitable for rockwork and herbaceous borders.					
græca. Purple; trailing		1	H.P.		.25
Leichtlinii. Carmine; trailing					.25
hybrida grandiflora. Finest mixed colors					.25
AURICULA, Finest Mixed. The flowers resemble the Primrose		$\frac{1}{2}$	H.H.P.		.25



NAME AND DESCRIPTION		Height in feet	Duration	Ounce	Pkt.
BACHELOR'S BUTTONS. (See <i>Centaurea cyanus</i>).					
BALLOON VINE. White flowers, followed by balloon-like seed pods.	15	H.H.C.	\$9.50	\$0.10	
BALSAM (Lady's Slipper). Showy and easily grown tender annuals, succeeding best in sunny situations where there is rich loam.	1½	H.A.			
Double Separate Colors: White, Lavender, Blood Red, Deep Rose, Striped.					
Each, ¼ oz. 50 cts.				1.25	.15
Mixed Colors. Extra choice; double.				.75	.10
Collection Camellia-flowered. Six separate colors.				.75	.75
BARTONIA aurea. Showy garden annual, with large single yellow flowers.	1	H.A.	.75	.15	
BEGONIA, Bedding Varieties. The following are of the <i>Semperflorens</i> type.					
Fine for bedding in full sun or shaded situations.		H.H.A.			
Dwarf Vernon. Scarlet flowers, dwarf habit.	1½			.25	
Erfordii. The best carmine bedding variety. 1-32 oz. \$2.00.	1½	H.H.P.		.50	
gracilis rosea. Free flowering, delicate rose.	¾			.25	
gracilis luminosa. Flowers fiery deep scarlet.				.25	
gracilis Mignon. Scarlet flowers, foliage deep green, with red spots and border.	½			.25	
gracilis "White Pearl." Pure white flowers, ½ in. in diameter, with light green foliage.	¾			.25	
Salmon Queen. Bright salmon flowers.				.25	
Vernon. Bronze foliage with scarlet flowers. 1-16 oz. \$1.00.				.25	
BEGONIA, Tuberous-Rooted. Produce magnificent flowers; grown either in pots or for bedding.					
Marshall's Giant Single, Mixed. Large flowering.	1	G.P.		.50	
Marshall's Giant Double, Mixed. Large flowering.	1			.50	
Rex varieties. Choice ornamental-leaved varieties.	1			.50	
BELLIS perennis fl. pl. (Double English Daisy). Popular Spring-flowering perennial often used with Pansies and Forget-Me-Nots.	½	H.P.			
Longfellow. Dark rose. ¼ oz. \$1.00.				.25	
Snowball. Pure white. ½ oz. \$1.00.				.25	
Giant Red. Good dark red. Very rare. 1-16 oz. \$1.00.				.25	
Giant Mixed. ¼ oz. \$1.00.				.15	
BLUE LACE FLOWER. See <i>Didiscus cœruleus</i> .					
BOCCONIA japonica. Large glaucous, decorative leaves. ¼ oz. 35 cts.	4	H.P.	1.00	.10	
BOLTONIA. Asteroides. Pure white Aster-like flowers.	4	H.P.		.25	
latisquama. Pink flowers, tinged with lavender.	5	H.P.		.25	
BRACHYCOME iberidifolia. Pretty blue flowers. ¼ oz. 50 cts.	1½	H.H.A.	1.50	.15	
iberidifolia, Mixed (Swan River Daisy). For edging. ¼ oz. 50 cts.	1	H.H.A.	1.50	.15	
BROWALLIA elata cœrulea. Bright blue, fine for cutting.	1½	H.A.		.15	
Roezlii. Free-flowering, bluish-white.	2	H.H.A.		.25	
speciosa major. Flowers 1½ to 2 in. across; blue, white throat.				.25	
CACALIA coccinea (Tassel Flower). Scarlet flowers. ¼ oz. 35 cts.	2	H.A.	1.00	.10	
CALCEOLARIA hybrida grandiflora. Highly prized plants for conservatory and house decoration.	2	G.P.			
Marshall's Matchless Strain. Of the richest and most delicate colors, in the most marvelous variety of shades and marking, self-spotted and blotched.	1			1.00	
Large Flowering "Dalkeith Park Strain." Finest varieties.	1			.50	
rugosa Mixed. The well-known bedding varieties.	1			.50	
CALEDULA (Cape Marigold). Free and continuous flowering garden plants.	1	H.A.			
Meteor. Double yellow, striped orange.				.40	.10
Marshall's Orange King, grandiflora. Dark orange red.				.60	.10
Prince of Orange. Orange, with dark eye.				.60	.10
Sulphur Crown. Very large double sulphur yellow.				.50	.10
Finest Mixed. All varieties.				.40	.10
CALLIOPSIS. Nothing is more effective than a large bed of these golden flowers; exceedingly free flowering.					
atrosanguinea. Rich dark red. ¼ oz. 25 cts.	1½	H.A.	.75	.10	
compacta. Fire King. Deep bright scarlet. ¼ oz. 50 cts.	1½		1.50	.15	
Golden Wave (Drummondii). Pure yellow flowers, very large and showy.	1	H.A.	.75	.10	
marmorata. Maroon and gold.	1½		.75	.10	
tinctoria. Large bright yellow and maroon flowers.	2		.75	.10	
Dwarf, Finest Mixed. All shades of yellow, red and brown.	1		.60	.10	
Tall mixed. A grand variety for cutting.	2		.40	.10	
CALLIRHOE involuerata (Poppy Mallow). Beautiful trailing plant, with palmate foliage; flowers large, crimson, with white center. ¼ oz. 75 cts.	1	H.P.	2.00	.15	
CAMPANULAS. All the Campanulas can be grown in ordinary gardens and will flower from seeds the following year.					
carpaticea. Deep blue; for rockeries, beds and edgings. ¼ oz. 50 cts.	½	H.P.	1.50	.10	
carpaticea alba. Flowers white. ¼ oz. 50 cts.			1.50	.10	
Glomerata (Clustered Bell Flower). Dense clusters of funnel-shaped blue flowers.	1½			.15	
grandiflora Mariesii. A fine dwarf dark blue variety.	1			.10	
pyramidalis (Chimney Bell). Very conspicuous towering spikes, with clear blue flowers. ¼ oz. \$1.00.	4	H.P.		.10	
pyramidalis alba. Pure white. ¼ oz. \$1.00.	4			.10	
persicifolia grandiflora, Blue. Superb large flowers. ½ oz. \$1.25.	2	H.P.		.25	
persicifolia grandiflora alba. A white-flowered variety. ½ oz. \$1.25.	2			.25	
persicifolia grandiflora, Fine Mixed. Very showy. ½ oz. \$1.25.	2			.25	
CANTERBURY BELLS. Well known, handsome, hardy biennials, bearing large bell- and saucer-shaped flowers in profusion; well adapted for borders.	2	H.B.			
Medium Blue, Rose, Striped and White, separate. ¼ oz. 50 cts.			1.75	.15	
Medium Mixed. All colors. ¼ oz. 50 cts.			1.75	.10	
Medium Double Blue. Rich, heavy, curious flowers. ¼ oz. \$1.00.	2			.15	



NAME AND DESCRIPTION		Height in feet	Duration	Ounce	Pkt.
CANTERBURY BELLS —Continued.					
Medium Double White.	Of waxen appearance. $\frac{1}{4}$ oz. \$1.00				\$0.15
Medium Double Rose.	$\frac{1}{4}$ oz. \$1.00				.15
Medium Double Mixed.	$\frac{1}{4}$ oz. 75 cts.				.15
Medium Calycanthema, "Cup and Saucer."	A race of Canterbury Bells having large, semi-double flowers resembling a cup and saucer.				
"Cup and Saucer." Blue.	$\frac{1}{4}$ oz. \$1.25	2	H.B.		.15
"Cup and Saucer." Rose.	$\frac{1}{4}$ oz. \$1.25				.15
"Cup and Saucer." White.	$\frac{1}{4}$ oz. \$1.25				.15
"Cup and Saucer." Finest Mixed.	$\frac{1}{4}$ oz. \$1.00				.15
CANARY BIRD VINE.	Pretty climber, with yellow, butterfly-like flowers.	10	H.A.C.	\$0.50	.10
CANDYTUFT.	Showy branching plants, much grown in masses in beds or for edging; also grown extensively for cut flowers.		H.A.		
Coronaria Empress.	A large-flowered variety of purest white, grown extensively for cut flowers. $\frac{1}{4}$ oz. 30 cts.	1		.75	.10
Coronaria Little Prince.	Very large heads of pure white flowers.	$\frac{1}{2}$		1.00	.10
Coronaria Giant Hyacinth-Flowered.	White. $\frac{1}{4}$ oz. 30 cts.	1		.75	.10
Marshall's White Perfection.	A grand white variety. $\frac{1}{4}$ oz. 50 cts.	1		1.50	.10
Queen of Italy.	Dwarf, rosy white. $\frac{1}{4}$ oz. 35 cts.	$\frac{1}{2}$		1.00	.10
Rose Cardinal.	Bright rosy cardinal, a rich and striking color. $\frac{1}{4}$ oz. 50 cts.	1		1.50	.10
The Pearl.	A very fine pure white; of branching habit.	1		1.00	.10
umbellata Dunnetti.	Dark crimson.	1	H.A.	.50	.10
umbellata lilacina.	Lilac-purple.	1		.50	.10
umbellata Dwarf Hybrids.	Mixed colors; neat and pretty.	$\frac{1}{2}$		1.00	.15
Mixed Annual Sorts.		1		.40	.05
sempervirens.	White flowers. $\frac{1}{4}$ oz. \$1.25	1	H.P.		.15
gibraltarica.	Beautiful bluish-white. $\frac{1}{4}$ oz. \$1.25	1	H.P.		.15
CANNA, Mixed.	Dark-leaved variety.	3	G.P.	.50	.10
Crozy's Large Flowering.	Dwarf, mixed varieties.	2		.50	.10
CARDINAL CLIMBER (See Ipomoea cardinalis).	$\frac{1}{8}$ oz. 50 cts.	30	H.A.C.		.15
CARNATION.	Sown under glass in early Spring, or later in the open ground, the plants will flower second Summer.				
Marguerite (Dianthus caryophyllus fl. pl.).	The perpetual-flowering Carnations produce a large proportion of double flowers in six months from sowing.				
Marshall's Giant, Double Scarlet.	$\frac{1}{8}$ oz. \$1.25	1 $\frac{1}{2}$	H.H.P.		.15
Marshall's Giant, Double White.	Large, perfect flowers. $\frac{1}{8}$ oz. \$1.25	1 $\frac{1}{2}$			.15
Marshall's Giant, Double Yellow.	A clear soft shade. $\frac{1}{8}$ oz. \$1.25	1 $\frac{1}{2}$			.15
Marguerite, Giant Double Mixed.	Extra large and perfect flowering, in a rich variety of colors. $\frac{1}{8}$ oz. \$1.00	1 $\frac{1}{2}$			.25
Grenadine Double Scarlet.	Very early flowering. $\frac{1}{4}$ oz. \$1.00	2			.15
Finest Double Mixed. Border.	Saved from extra fine flowers. $\frac{1}{4}$ oz. \$1.00	2			.10
Chabaud's Everblooming.	Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. Mixed.	1 $\frac{1}{2}$			.25
Early Dwarf Vienna.	Double mixed. $\frac{1}{4}$ oz. 75 cts.	1		2.50	.15
CASTOR BEANS. (See Ricinus).					
CELOSIA cristata, or Cockscorn b.	Popular annual of easy culture, producing Cockscomb-like heads.		H.H.A.		
Childsii. Chinese Wool Flower.	A new variety of feathered Celosia with large, globular flower heads like balls of wool.	2			
Separate Colors. Crimson, Pink, or Yellow.	Each $\frac{1}{8}$ oz. 75 cts.	2			.15
Finest Mixed Colors.	$\frac{1}{4}$ oz. \$1.00				.10
Empress.	Crimson combs; dark foliage. $\frac{1}{4}$ oz. \$1.25	$\frac{3}{4}$	H.H.A.		.15
Glasgow Prize.	Large, deep crimson. $\frac{1}{8}$ oz. \$1.00	1			.15
Queen of the Dwarfs.	Very dwarf form, deep crimson. $\frac{1}{8}$ oz. \$1.00	$\frac{1}{2}$			.15
Dwarf.	Mixed colors. Extra fine strain. $\frac{1}{4}$ oz. \$1.00				.10
CELOSIA plumosa, or OSTRICH PLUME.	Producing large, graceful plumes. Makes fine plants for large beds or groups and the plumes or flowers can be cut and dried for Winter bouquets.		H.H.A.		
pyramidalis magnifica aurea.	Golden-yellow plumes. $\frac{1}{4}$ oz. 75 cts.	3		2.00	.15
pyramidalis magnifica kermesina.	Crimson plumes. $\frac{1}{4}$ oz. 75 cts.	3		2.00	.15
pyramidalis magnifica coccinea.	Scarlet plumes. $\frac{1}{4}$ oz. 75 cts.	3		2.00	.15
pyramidalis magnifica purpurea.	Dark crimson. $\frac{1}{4}$ oz. 75 cts.	3		2.00	.15
pyramidalis; Thompson's Superb (Triomphe de l'Exposition).	Of pyramidal growth and producing graceful, feathery plumes; dwarf habit, dark crimson. $\frac{1}{4}$ oz. 50 cts.	3		1.50	.15
pyramidalis plumosa, Mixed.	Feathered varieties in all colors.	3		1.25	.10
Pride of Castle Gould.	All shades in choicest mixture; branching habit.	4			.25
spicata.	Rose, changing to silvery white. Fine for pots or cutting.	3		.75	.15
CELSIA Arcturus.	Long spikes of bright yellow flowers.	3	G.P.		.25
Cretica.	Large yellow flowers on long stems.	1 $\frac{1}{2}$	H.B.		.25
CENTA UREA.	Beautiful silvery foliated bedding plants; used for bordering.				
candissima.	Round, compact plants, white leaves, broadly cut. $\frac{1}{8}$ oz. 75 cts.	1	H.H.P.		.15
gymnocarpa.	Fine cut silvery foliage. $\frac{1}{4}$ oz. 50 cts.	1 $\frac{1}{2}$		1.50	.15
montana.	Large flowers of deep purple, very showy. $\frac{1}{8}$ oz. 35 cts.	2	H.P.	2.00	.15
CENTAUREA.	They flower finest in full sun and poor soil. Sow in the open ground in Spring.				
americana.	Bushy garden plants; lavender-blue, fragrant. $\frac{1}{4}$ oz. 60 cts.	3	H.A.	2.00	.15
Chameleon.	Large; yellow and rose. $\frac{1}{4}$ oz. 75 cts.	1 $\frac{1}{2}$		2.00	.15
Margarita.	Pure white, 2 $\frac{1}{2}$ inches across, exquisitely lacinated and delightfully scented. $\frac{1}{4}$ oz. 50 cts.	1 $\frac{1}{2}$		1.50	.10
suaveolens, Yellow Sweet Sultan.	Fine for cutting. $\frac{1}{4}$ oz. 25 cts.	1 $\frac{1}{2}$		.75	.10



NAME AND DESCRIPTION

	Height in feet	Duration	Ounce	Pkt.
CENTAUREA Cyanus (Bachelor's Button, Cornflower, Blue Bottle, or Ragged Sailor). This is one of the most popular annuals; will grow in the poorest of soil, either on seashore or mountains.		H.A.		
Marshall's Double Blue. Fine for cutting. $\frac{1}{4}$ oz. 40 cts.	1½		\$1.25	\$0.10
Liberty Blue. The true Emperor deep blue Bachelor's Button.	1½		.50	.10
rosea. Rose-pink.			.50	.10
White. Very pretty for decorations and borders.			.50	.10
Finest Mixed.			.50	.05
CENTAUREA Imperialis, Giant Imperial Sweet Sultan. The finest of all Sweet Sultans for cut flower purposes.	3	H.H.A.		
Separate Colors: Lilac, White, Purple, Rose, White shading to Rose. $\frac{1}{4}$ oz. 50 cts., each color			1.50	.15
Finest Mixed. All colors. $\frac{1}{4}$ oz. 40 cts.			1.50	.10
CERASTIUM tomentosum (Snow in Summer). A dwarf, white-leaved edging plant with small white flowers. $\frac{1}{8}$ oz. 75 cts.	½	H.P.		.25
CHELONE Barbata. Long racemes of scarlet flowers.	2	H.P.		.15
CHRYSANTHEMUM, Annual Varieties. Showy, hardy annuals of easiest cultivation and blooming from July until frost.				
coronarium compactum, White Pearl. Fine for cutting, $\frac{1}{4}$ oz. 25 cts.	1	H.A.	.75	.10
coronarium compactum, Primrose Queen. $\frac{1}{4}$ oz. 25 cts.	1		.75	.10
coronarium, Double White, $\frac{1}{4}$ oz. 25 cts.	1½		.60	.10
coronarium, Double Yellow. $\frac{1}{4}$ oz. 25 cts.			.60	.10
coronarium, Double Mixed. Yellow, white, etc.			.40	.05
inodorum plenissimum. Free flowering variety of spreading habit, with pure white flowers, resembling Asters. $\frac{1}{4}$ oz. 35 cts.	1		1.00	.10
tricolor. Lord Beaconsfield. White and rose.	1		.60	.10
tricolor, Morning Star. Large, primrose flowers.	1		.60	.10
Northern Star. Large ivory white flowers with sulphur zone.	1		1.00	.10
tricolor, Single. Finest mixed.	1		.40	.05
tricolor, Double-Fringed Mixed. This is a very graceful flower.	1		1.00	.10
Collection of six varieties. Annual.				.50
CHRYSANTHEMUM, Perennial Varieties.				
frutescens (The White Paris Daisy). Charming plant for greenhouse or Summer bedding outdoors. $\frac{1}{8}$ oz. 35 cts.	1½	G.P.		.10
japonicum fl. pl. From finest Japanese flowers. Extra choice mixture.	3	G.P.		.25
maximum "Perfection." Very free-flowering; pure white.	½	H.P.	1.00	.15
maximum grandiflorum (The Shasta Daisy). Pure white; very large. $\frac{1}{4}$ oz. 50 cts.	3	H.P.	1.50	.15
CINERARIA maritima candidissima. A white-leaved "Dusty Miller," used for bedding.	1	H.H.P.	.60	.10
CINERARIA hybrida. One of the most gorgeous colored flowering plants for either greenhouse or conservatory. Seeds should be sown in July, August or September.				
Marshall's Matchless Prize Mixed. Every shade of blue, crimson, violet and pink, both in self-colors and with white edge or center. The flowers are often 3 inches in diameter and the plants of excellent habit.	2	G.P.		.50
Cactus Flowered Mixed. Large flowers with narrow rolled petals radiating from the center. Fine for conservatory.	2			.50
grandiflora, Matchless Dwarf Prize Mixed. This strain is just as choice as above, but different in height.	1½			.50
stellata, Blue Star Flowered.	2			.50
stellata, Pink Star Flowered.	2			.50
stellata, White Star Flowered.	2			.50
stellata hybrids, Mixed Colors. Tall, pyramidal plants, bearing star-like flowers.	2			.50
CLARKIA. This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are fine seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade.				
Brilliant. Double salmon-scarlet flowers. $\frac{1}{4}$ oz. 50 cts.	2	H.A.	1.50	.10
Queen Mary. Very bright rose carmine, double flowers. $\frac{1}{4}$ oz. 50 cts.	2		1.50	.10
rosea flore plena. Double rose. $\frac{1}{4}$ oz. 35 cts.	2		1.00	.10
Salmon Queen. Extra double salmon-pink. $\frac{1}{4}$ oz. 35 cts.	2		1.00	.10
Scarlet Queen. Fine double, brilliant salmon orange scarlet. $\frac{1}{4}$ oz. 50 cts.	2		1.50	.10
White. Very double, pure white flowers. $\frac{1}{4}$ oz. 30 cts.	2		1.00	.10
Double Mixed. All colors.	2		.50	.10
CLEOME gigantea. (Giant Spider Flower). Bright rosy-crimson flowers; adapted for large beds or borders. $\frac{1}{4}$ oz. 35 cts.	3½	H.A.	1.00	.10
CLIANTHUS Dampieri (Austrian Glory Pea). Scarlet flowers.	3	G.S.		.25
CLERODENDRON Fallax. Erect growing greenhouse plant, with large spikes of scarlet flowers.		G.P.		.50
COBEA scandens. Tender climber, large, bell-shaped blue flower.	20	H.A.C.	1.00	.10
White. Large white, bell-like flowers. $\frac{1}{4}$ oz. 60 cts.			2.00	.15
COCKSCOMB. (See <i>Celosia cristata</i>).				
COLEUS, Marshall's Matchless Mixed. Richly colored foliage plants.	2	G.P.		.25
COLLINSIA. Charming annual. Finest mixed.	1	H.A.	.50	.10
COLUMBINE. (See <i>Aquilegia</i>).				
CONVOLVULUS, or Morning Glories. (See also Morning Glory). Deservedly very popular, as they are of the most free-flowering and rapid-growing plants in cultivation, thriving in almost any situation.				
major, mixed colors. Climbers of rapid growth.	30	H.A.C.	.30	.05
minor, or Bush Morning Glories. Mixed colors.	1	H.A.	.30	.05
COREOPSIS. Long stemmed, large, single flowers.				
grandiflora. Large flowers of rich yellow. $\frac{1}{4}$ oz. 35 cts.	2	H.P.	1.00	.10
lanceolata. Yellow. $\frac{1}{4}$ oz. 35 cts.	2		1.00	.10



NAME AND DESCRIPTION		Height in feet	Duration	Ounce	Pkt.
CORN, Rainbow (<i>Zea japonica variegata</i>). Variegated leaves, striped in green, white and yellow.		5	H.A.	\$0.50	\$0.10
CORNFLOWER. (See <i>Centaurea cyanus</i>).					
COSMOS. This is one of our most useful and beautiful Autumn flowers. To get it in bloom early, seed should be sown in May in the open ground where the plants are desired to bloom, and the seedlings allowed to grow and flower without being transplanted.			H.A.		
Crested. New varieties with semi-double flowers.					
Carmine King. Bright red crested flowers. $\frac{1}{4}$ oz. \$1.00		5	H.A.		.15
Pink Beauty. A lovely shade of pink, crested flowers. $\frac{1}{4}$ oz. \$1.00		5			.15
White Queen. Pure white, crested flowers. $\frac{1}{4}$ oz. \$1.00		5			.15
Crested Mixed. The above colors in mixture.		5			.15
Double varieties. Very fine, full, round double flowers.					
Double Crimson. $\frac{1}{4}$ oz. 60 cts.		5		2.00	.15
Double Pink. $\frac{1}{4}$ oz. 60 cts.		5		2.00	.15
Double White. $\frac{1}{4}$ oz. 60 cts.		5		2.00	.15
Double Mixed. The above colors in mixture.		5		2.00	.15
Giant Early Flowering. Crimson. $\frac{1}{4}$ oz. 50 cts.		4		1.50	.10
Giant Early Flowering. Pink. $\frac{1}{4}$ oz. 50 cts.				1.50	.10
Giant Early Flowering. White. $\frac{1}{4}$ oz. 50 cts.				1.50	.10
Giant Early Flowering. Mixed colors; compact, bushy growth.				1.00	.10
Giant Late Flowering. Lady Lenox. Pink. $\frac{1}{4}$ oz. 50 cts.		5		1.50	.10
Giant Late Flowering. Lady Lenox. White. A pure white type of the popular pink variety. $\frac{1}{4}$ oz. 50 cts.		5		1.50	.10
Giant Late Flowering. Red. $\frac{1}{4}$ oz. 50 cts.				1.50	.10
Giant Late Flowering Mixed. All shades. $\frac{1}{4}$ oz. 35 cts.				1.00	.10
Klondyke. Large flowered golden yellow. $\frac{1}{4}$ oz. 50 cts.		5		1.50	.10
COWSLIP, Mixed (<i>Primula veris</i>). A Spring-flowering plant.		$\frac{1}{2}$	H.P.		.25
CUPHEA platycentra (Cigar Plant). Valuable as a bedding and border plant. The flowers are scarlet with a black and white lip.		1	H.H.P.		.25
CYCLAMEN. These are among the choicest of flowering greenhouse plants. Seed should be sown from October until January.		$\frac{1}{2}$	G.P.		
Marshall's Giant Varieties (<i>Persicum giganteum</i>). New crop seeds usually arrive in August.					
Crimson King. Dark crimson. 100 seeds, \$1.75					.50
Giant White. 100 seeds, \$1.75					.50
Mrs. Buckston. Salmon-pink, heavily fringed. 100 seeds, \$3.00					1.00
Salmon Queen. Salmon. 100 seeds \$1.75					.50
St. George. Pale salmon, with marbled foliage.					1.00
Victoria. A pretty form with colored fringe at the top of the petals. In several colors. 100 seeds \$2.50					.50
Marshall's Giant Mixture. Includes all the brilliant colors. 100 seeds \$2.00					.50
Papilio, or Giant Fringed Butterfly. Mixed colors; flowers beautifully fringed. 100 seeds, \$3.00					.50
CYPERUS alternifolius (Umbrella Plant). Handsome plants, easily raised from seed; used for table decorations and combining with palms; semi-aquatic		2	H.H.P.		.15
CYPRESS VINE. A fast growing annual vine, with feathery, dark-green foliage and star-like flowers.		20	H.A.C.		
Bright Scarlet.				.50	.10
Finest Mixed.				.50	.10
DAHLIA. Although perennials, these will flower the first season.		4	H.H.P.		
Collette. Single flowers in various colors, with white quilled and tufted centers; very showy. $\frac{1}{8}$ oz. 50 cts.				3.00	.15
Double, Large Flowering. Double mixed colors. $\frac{1}{4}$ oz. 60 cts.					.15
Cactus. New choice varieties. Mixed colors. $\frac{1}{4}$ oz. \$1.00					.15
Single, Large Flowering. Mixed. Self and striped flowers.				1.00	.10
DAISY, Double. (See <i>Bellis perennis</i>).					
DATURA (Trumpet Flower). Robust garden annual, bearing large trumpet-shaped flowers.		4	H.H.A.		
Double Flowering. Mixed (<i>Fastuosa fl. pl.</i>) $\frac{1}{4}$ oz. 30 cts.				1.00	.15
Cornucopia (Horn of Plenty). Flowers white and purple. $\frac{1}{4}$ oz. 30 cts.				1.00	.15
DELPHINIUM (Larkspur). Delphiniums are hardy and can be grown in any garden. They are handsome plants for the herbaceous border and shrubbery and are splendid for cut flower use.			H.P.		
Belladonna. Very large-flowered, light azure blue. $\frac{1}{8}$ oz. \$1.00		3			.25
Blue Butterfly. Graceful spikes of large azure-blue flowers. $\frac{1}{8}$ oz. \$1.00		3	H.A.		.25
Bellamosa. An improved Formosum which is not subject to mildew. Dark blue in color. $\frac{1}{4}$ oz. \$1.00		3	H.P.		.10
chinensis album. Pure white. $\frac{1}{4}$ oz. 50 cts.		$1\frac{1}{2}$		1.50	.10
chinensis azureum. Azure blue. $\frac{1}{4}$ oz. 50 cts.		$1\frac{1}{2}$		1.50	.10
chinensis Mixed (<i>grandiflorum</i>). Shades of blue and pure white.		$1\frac{1}{2}$		1.00	.10
Formosum. (See <i>Bellamosa</i>).					
formosum celestinum. Sky-blue; handsome. $\frac{1}{8}$ oz. 75 cts.		3		4.00	.15
hybridum grandiflorum fl. pl. Finest double sorts in choice colors; superb mixture. $\frac{1}{4}$ oz. \$1.00		3		3.00	.25
Marshall's Matchless Hybrids. Choice show Hybrids, saved from the best named varieties. $\frac{1}{8}$ oz. \$1.00		3			.25
Zalil (<i>sulphureum</i>). Very beautiful, with long spikes of yellow flowers.					.25
DICTAMNUS fraxinella. Handsome spikes of reddish flowers and fragrant leaves. $\frac{1}{4}$ oz. 35 cts.		3	H.P.	1.00	.10



NAME AND DESCRIPTION		Height in feet	Duration	Ounce	Pkt.
DIANTHUS (Chinese or Indian Pinks). These, although biennials, bloom the first season, and should be treated as hardy annuals. They flower early in Summer and continue until frost. They are excellent for small beds or edgings, flowering profusely and in great variety of colors.					
SINGLE ANNUAL PINKS.					
Heddewigii. Large, attractive flowers of most brilliant colors. Finest mixed.	$\frac{1}{4}$ oz. 35 cts.	1	H.H.A.	1.00	\$0.10
laciniatus Single Mixed. Fringed flowers of all colors.	$\frac{1}{4}$ oz. 35 cts.	1		1.00	.10
DOUBLE ANNUAL PINKS.					
Dianthus chinensis fl. pl. (Chinese Pink). Large, double flowers in unlimited variety of colors. Finest Mixed.	$\frac{1}{4}$ oz. 30 cts.	1	H.A.	1.00	.10
Diadematus fl. pl. (Double Diadem Pink). Large, double flowers. Mixed.		1	H.A.	1.50	.15
Heddewigii fl. pl. (Japanese Pink). Large, double flowers of exquisite colors. Finest Mixed.	$\frac{1}{4}$ oz. 50 cts.	1		1.50	.10
"Fireball." Large double; brilliant red.	$\frac{1}{4}$ oz. 75 cts.	1		2.00	.15
laciniatus "Salmon Queen." Very striking double flowers, rich salmon scarlet.	$\frac{1}{4}$ oz. \$1.00.	1			.15
laciniatus "Snowball." Extra large, double, pure white.	$\frac{1}{4}$ oz. 75 cts.	1		2.00	.15
laciniatus fl. pl. Double fringed flowers; beautifully striped; many colors. Mixed.	$\frac{1}{4}$ oz. 75 cts.	1		2.00	.15
Collection of Double Annual Pinks. Six varieties.					.50
HARDY PERENNIAL PINKS.					
plumarius fl. pl. Pheasant's Eye. Pretty fringed double flowers.	$\frac{1}{4}$ oz. 75 cts.	1	H.P.	2.00	.15
plumarius semperflorens (Perpetual Pink). Mixed, single and double.	$\frac{1}{8}$ oz. 50 cts.	1		3.00	.15
DIDISCUS cœrulea (Blue Lace Flower). An attractive annual blooming from July until frost. Pale lavender flowers, valuable for cutting.					
	$\frac{1}{2}$ oz. 50 cts.	1½	H.A.		.15
DIGITALIS, or FOXGLOVE. Hardy perennials, producing long spikes of tubular flowers. Used extensively with good effect for naturalizing in shrubberies and half shady places.					
Marshall's Superb Purple.	$\frac{1}{4}$ oz. 50 cts.	3	H.P.	1.25	.15
Marshall's Superb Rose.	$\frac{1}{4}$ oz. 50 cts.	3		1.25	.15
Marshall's Superb Yellow.	$\frac{1}{4}$ oz. 50 cts.	3		1.25	.15
Marshall's Superb White.	$\frac{1}{4}$ oz. 50 cts.	3		1.25	.15
Marshall's Superb Mixed. All colors.	$\frac{1}{4}$ oz. 35 cts.	3		1.00	.15
monstrosa, Mixed. Very large flowers.	$\frac{1}{4}$ oz. 75 cts.	4		2.00	.15
Finest mixed (Common Foxglove).	$\frac{1}{4}$ oz. 30 cts.	3		1.00	.10
DIMORPHOTHECA aurantiaca. Daisy-like blossoms of a rich orange color; the disc is dark and surrounded by a black zone.					
	$\frac{1}{4}$ oz. 75 cts.		H.A.	2.00	.15
aurantiaca hybrida. Mixed hybrids.	$\frac{1}{4}$ oz. 50 cts.	1½		1.50	.15
DOLICHOS, or HYACINTH BEAN. Annual climbers, with clusters of Bean-like flowers.					
"Daylight." This grand Hyacinth Bean comes from Japan. Flowers pure white.		10	H.A.C.	.50	.10
"Darkness." Identical in every way to the above, except in color, which is a rich purple violet.		10			
Lablab. Separate colors: Red, White and Violet. Each.				.50	.10
Lablab, Mixed. Purple and White.				.40	.10
				.30	.05
DORONICUM caucasicum. Effective Spring-flowering plant, with bright yellow flower.					
		2	H.P.		.25
DRACÆNA indivisa. For vases, pots, etc., narrow green leaves.					
		2	G.P.	.75	.15
ECHEVERIA. A showy plant, for rockeries or carpet beds.					
		¾	G.P.		.25
secunda glauca. White, fleshy foliage.					
ECHINOCYSTIS lobata (Wild, or California Cucumber). The fastest growing annual vine in existence; will grow 20 feet in six weeks. Pretty foliage and inconspicuous white flowers.					
		20	H.A.C.	.50	.10
ECHINOPS Ritro (Blue Globe Thistle). Purple.					
	$\frac{1}{4}$ oz. 25 cts.	3	H.P.	.75	.10
EDELWEISS (Leontopodium). Silvery white.					
		½	H.P.		.25
EREMURUS (Gold Medal Hybrids). Stately plant with long spikes of flowers.					
		8	H.P.		.35
ERIGERON speciosus (The Midsummer Daisy). Pale mauve flowers with golden centers. Fine for cutting.					
		1½	H.P.		.10
ERYSIMUM arkansanum. Bright yellow flowers, resembling the Wallflower.					
		1½	H.A.		.15
pulchellum. Pale yellow flowers. Useful for rockwork.					
		½	H.P.		.15
ERYNGIUM amethystinum (Sea Holly). Spiny foliage and small Amethyst-blue flowers in large panicles.					
	$\frac{1}{2}$ oz. \$1.00.	4	H.P.		.25
ERINUS alpinus. Blue; beautiful for baskets.					
		¼	H.P.		.25
ESCHSCHOLTZIA, or CALIFORNIA POPPY. Very attractive annuals for beds, edgings, or masses; profuse-flowering; fine cut, glaucous foliage; in bloom from June to frost.					
californica. Bright yellow.	$\frac{1}{4}$ oz. 30 cts.	1	H.A.	1.00	.10
californica alba. White.	$\frac{1}{4}$ oz. 30 cts.			1.00	.10
Carmine King. Beautiful deep red.	$\frac{1}{4}$ oz. 30 cts.			1.00	.10
Chrome Queen. A beautiful clear chrome yellow.	$\frac{1}{8}$ oz. 75 cts.				.15
Crimson King. Beautiful crimson scarlet.	$\frac{1}{4}$ oz. 30 cts.			.60	.10
Dainty Queen. Blush-pink on cream ground.	$\frac{1}{4}$ oz. 75 cts.			2.00	.15
Golden West. Large flowers of deep yellow shade.	$\frac{1}{4}$ oz. 30 cts.	2		.60	.10
Mandarin. Large, scarlet, inside orange.	$\frac{1}{4}$ oz. 30 cts.	1		.75	.10
Rose Cardinal. A distinct color.	$\frac{1}{4}$ oz. 35 cts.	1		1.00	.10
Single Mixed. All colors.				.40	.05
The Geisha. Petals prettily fluted. Color inside golden and outside intense orange crimson. Very beautiful.	$\frac{1}{4}$ oz. 50 cts.			1.50	.15
EUPATORIUM Fraseri. White, fine for cutting.					
	$\frac{1}{4}$ oz. 50 cts.	2	H.P.	1.25	.10



NAME AND DESCRIPTION		Height in feet	Duration	Ounce	Pkt.
EUPHORBIA heterophylla (Fire on the Mountain). Leaves large and glossy green, often tipped with orange-scarlet. $\frac{1}{4}$ oz. 50 cts.					
variegata (Snow on the Mountain). White and green bracts, excellent for bouquets. $\frac{1}{4}$ oz. 25 cts.		3	H.A.	\$1.50	\$0.15
FERNs, Greenhouse Variety, Mixed		2	G.P.	.60	.10
FEVERFEW. (See MATRICARIA.)					.25
FORGET-ME-NOT. (See MYOSOTIS.)					
FOXGLOVE. (See DIGITALIS.)					
FOUR O'CLOCKS. (See MARVEL OF PERU.)					
FRANCOA ramosa alba. Elegant sprays of pure white flowers.		2½	H.B.		.25
FREESIA, New Hybrids Mixed. Shades of pink, red, violet, yellow, etc.		2	G.P.		.25
GAILLARDIA. Showy garden annuals; they flower uninterruptedly from early Summer until frost; the flowers are of large size and afford charming tints in their color schemes.					
amblyodon. Blood red. $\frac{1}{4}$ oz. 35 cts.		2	H.A.	1.00	.10
picta Mixed, Single. Annual varieties.				.60	.10
Lorenziana, Double Mixed.				.60	.10
Giant Hybrids, Mixed. Perennial. $\frac{1}{4}$ oz. 35 cts.		2	H.P.	1.00	.10
Marshall's Matchless Hybrids. A grand new improved strain; enormous flowers and very strong habit. $\frac{1}{8}$ oz. \$1.00.		2			.25
GALEGA Officinalis. A hardy plant producing a number of blue miniature Pea-like flowers in sprays throughout the Summer. $\frac{1}{4}$ oz. 30 cts.					
Officinalis Alba. White flowers. $\frac{1}{4}$ oz. 30 cts.		3	H.P.	1.00	.10
GAURA Lindheimeri. Graceful spikes of rosy-white flowers.		3	H.P.	.75	.10
GENTIANA acaulis (Gentian). Intense blue, bell-shaped flowers.		¼	H.P.		.15
GERANIUM. Well-known plants for garden or pot culture.					
zonale. Finest Mixed.		2	G.P.		.15
GERBERA Jamesonii hybrida (The Transvaal Daisy). Fine for cut flowers or bouquets. 100 seeds \$1.00.					
GEUM atrosanguineum. Large, double crimson flowers. $\frac{1}{4}$ oz. 35 cts.		1½	H.H.P.		.25
Mrs. Bradshaw. Double orange-scarlet flowers, very large and full. $\frac{1}{8}$ oz. 60cts.		2	H.P.	1.00	.15
GLOBE AMARANTH, Gomphrena. Clover-like heads of flowers; esteemed as everlasting.		1½		3.00	.25
globosa alba. White.			H.A.		
globosa rubra. Purple.		1		.50	.10
globosa. Mixed colors.		1		.50	.10
GLOXINIA. Charming pot plants, flowering during Summer in the greenhouse or window.					
Marshall's Matchless. Erect, giant-flowering, mixed. Saved from the very choicest erect flowering varieties in cultivation. A grand variety of colors.			G.P.		.50
GODETIA. Bushy annual, with showy large flowers. They grow quickly, bloom abundantly and are excellent for beds and borders. The double varieties are splendid for cutting.					
Brilliant. Glowing carmine. $\frac{1}{4}$ oz. 35 cts.		1½	H.A.		
Double Rose. A delicate rose pink shade. $\frac{1}{4}$ oz. 50 cts.		1½		1.00	.10
Duchess of Albany. Satiny-white. $\frac{1}{4}$ oz 35 cts.		1½		1.50	.10
Gloriosa. Compact, brilliant blood-red. $\frac{1}{4}$ oz. 35 cts.		1½		1.00	.10
Rosy Morn. A lovely coral pink, very double flowers. $\frac{1}{4}$ oz. 75 cts.		1		1.00	.10
Finest Mixed Colors.		1		.40	.10
GOURDS. Thrifty annual climbers, bearing "Ornamental Gourds"					
Apple-Shaped. Small fruit, striped yellow and dark green.		20	H.A.C.		.40
Bottle-Shaped. Fruit yellowish white and dark green.				.40	.10
Calabash, or African Pipe Gourd.				.50	.10
Dipper-shaped.				.40	.10
Dishcloth (Chinese Loofa, or Sponge Gourd). Large, elongate fruit; spongy inside. Flowers deep golden yellow.				.50	.10
Egg. Fruit white; resembles eggs.				.40	.10
Hercules' Club. Enormous fruit; often 4 feet long, thicker at the base.				.40	.10
Mock Orange, or Orange-shaped.				.50	.10
Pear-shaped. Very pretty striped fruit.				.50	.10
Sugar Trough.				.40	.10
Mixed Ornamental Varieties.				.40	.10
Collection of Ten Varieties of Gourds.					.75
GRASSES, ORNAMENTAL. A most valuable class of plants for the lawn, shrub bed, border or tropical bed. The perennial varieties, many of which have variegated foliage, are excellent for borders, clumps on lawn or near ponds. The annual sorts are particularly pretty on account of the graceful, feather flower panicles, which are used in bouquets.					
Agrostis nebulosa. Very graceful and pretty.		1½	H.A.		.10
Brixa maxima (Quaking Grass). Very pretty.		1½	H.A.		.10
Coix lachryma. (Job's Tears). Foliage quite broad. Seeds prominent, very large and shiny.		3	H.A.	.50	.10
Erianthus Ravennæ. Silvery plumes, resembling Pampas Grass.		8	H.P.	.60	.10
Eulalia zebrina. White striped foliage, very ornamental. $\frac{1}{4}$ oz. 35 cts.		4	H.P.	1.00	.10
Gynerium argenteum. The famous Pampas Grass, with beautiful silvery plumes.		10	H.P.	.60	.10
Hordeum jubatum (Squirrel-tail Grass). A pretty variety, with bushy panicles of flowers.		3	H.A.	.50	.10
Pennisetum longistylum. An annual grass, with gracefully drooping heads.		2	H.A.	1.00	.10
Pennisetum Ruppelianum. Hardy perennial grass, growing 3 feet high, with violet-tinted silvery plumes. The deep green foliage is long and slender. $\frac{1}{4}$ oz. 35 cts.		3	H.P.	1.00	.10
GREVILLEA robusta (Silk Oak). With graceful foliage. $\frac{1}{4}$ oz. 50 cts.		5	G.S.	1.50	.0

NAME AND DESCRIPTION

	Height in feet	Duration	Ounce	Pkt.
GYPHOPHILA (Baby's Breath). Extremely useful for bouquets. Flowers small and come in delicate sprays and panicles.				
elegans alba grandiflora . An improved large flowering, pure white form of the annual Baby's Breath, of free and easy growth.	1½	H.A.	\$0.50	\$0.10
elegans carminea . Carmine rose.	1	H.A.	.50	.10
rosea grandiflora . Delicate rose.	1½	H.A.	.50	.10
muralis . Bright rose. ¼ oz. 35 cts.	¾	H.A.	1.00	.10
paniculata . One of the finest for cutting. Pure white flowers, very small and borne in large panicles. ¼ oz. 25 cts.	2	H.P.	.75	.10
paniculata flore plena . A double-flowering variety; pure white.	2	H.P.	....	.25
HELENIUM . Riverton Gem . Yellow changing to red. Long stems.	5	H.P.	....	.15
HELLIANTHUS . (See SUNFLOWER .)				
HELICHRYSUM , or STRAW FLOWER . Large, double "everlasting" flowers.				
monstrosum, Fire Ball . Double red. ¼ oz. 50 cts.	2	H.A.	....	.15
monstrosum, Golden Globe . Double yellow. ¼ oz. 50 cts.	2	....	....	.15
monstrosum, Silver Globe . Glistening white. ¼ oz. 50 cts.	2	....	....	.15
Large Flowering, Double, Mixed Colors . ¼ oz. 25 cts.	1½	H.A.	.75	.10
HELLOTROPE . Well known fragrant flowering plants for pots or gardens.	1½	G.P.	....	....
Marshall's Blue Perfection . Light blue.	....	....	....	.25
Anna Tureil . Dark blue.	....	....	....	.10
White Lady . A popular white variety.	....	....	....	.15
Finest Mixed . ½ oz. 40 cts.	....	....	....	.10
Lemoine's Giant Hybrids, Mixed.	....	....	....	.15
HEUCHERA sanguinea splendens . Long spikes of fiery-red flowers.	1½	H.P.	....	.25
sanguinea hybrida . Fine for borders. Mixed colors.	1½	H.P.	....	.25
HIBISCUS africanus . Yellow, with narrow center.	1	H.P.	.50	.15
Marshall's Rainbow grandiflorus Hybrids . New giant flowering Marshmallows. Very large flowers in various colors. ¼ oz. 50 cts.	6	H.P.	1.75	.10
moscheutos (Swamp Rose Mallow). Flowers of a light-rosy-red, with dark center.	2	H.A.	1.50	.10
HOLLYHOCKS . One of the showiest of hardy garden plants. No garden is complete without these stately flowers. Hollyhocks are troubled of late with a rust, which can be prevented if plants are sprayed frequently in early Spring with Bordeaux Mixture.	....	H.P.	....	....
Marshall's Giant, Double Apple Blossom . ½ oz. 60 cts.	6	....	4.00	.15
Marshall's Giant, Pink Queen . A pretty salmon pink. ½ oz. 60 cts.	....	....	4.00	.15
Marshall's Giant, Double Scarlet . ½ oz. 60 cts.	....	....	4.00	.15
Marshall's Giant, Double Rose . ½ oz. 60 cts.	....	....	4.00	.15
Marshall's Giant, Double Sulphur Yellow . ½ oz. 60 cts.	....	....	4.00	.15
Marshall's Giant, Double White . ½ oz. 60 cts.	....	....	4.00	.15
Marshall's Giant, Double Violet Purple . ½ oz. 60 cts.	....	....	4.00	.15
Marshall's Giant, Double Fine Mixed . ½ oz. 50 cts.	....	....	2.50	.10
Chater's Extra Choice, Double Mixed Colors . ½ oz. 75 cts.	....	....	3.50	.15
Hybrid Everblooming, Double, Mixed . Flowers the first season from seed. Very fine colors. ¼ oz. 50 cts.	6	....	1.50	.15
Collection of Double Hollyhocks . Six colors.	....	....	....	.75
Marshall's Giant, Single Pink . ¼ oz. 75 cts.	6	....	....	.15
Marshall's Giant, Single Red . ¼ oz. 75 cts.	....	....	....	.15
Marshall's Giant, Single Yellow . ¼ oz. 75 cts.	....	....	....	.15
Marshall's Giant, Single White . ¼ oz. 75 cts.	....	....	....	.15
Marshall's Giant, Single Mixed . All colors. ¼ oz. 50 cts.	6	....	1.50	.10
Hybrid Everblooming, Single, Mixed . ¼ oz. 40 cts.	....	....	1.00	.10
HONESTY , <i>Lunaria biennis</i> . Has silvery seed pouches; used for Winter decorations. ¼ oz. 35 cts.	2	H.B.	.75	.10
HUMULUS japonicus (Japanese Hop). A climber with dense green foliage. ¼ oz. 25 cts.	30	H.A.C.	.60	.10
japonicus fol. variegatus . Variegated foliage. ¼ oz. 25 cts.	....	....	.75	.10
HUNNEMANNIA fumarifolia (Giant Yellow Tulip Poppy). Flowers are Tulip-shaped, pure golden yellow. When cut and put in water they will last a full week. ¼ oz. 30 cts.	2	H.A.	1.00	.10
HYACINTH BEAN . (See DOLICHOS .)				
IBERIS . (See CANDYTUFT .)				
ICE PLANT . (See MESEMBRYANTHEMUM crystallinum .)				
IMPATIENS (Sultan's or Zanibar Balsam). Charming plants for decoration of the greenhouse or table, producing waxy looking flowers profusely and continuously.				
Sultani . Flowers of brilliant rosy-scarlet color.	2	G.P.	....	.25
Holstii Hybrids . Form strong bushy plants covered with attractive flowers. As pot plants they bloom the year round. Choicest mixed colors.	2	....	....	.25
INCARVILLEA Delavayi . The flowers are borne on long, stout stems, tube-shaped. Color bright rose. ½ oz. 50 cts.	2	H.P.	....	.25
IPOMEEA, Morning Glory . (See also CONVOLVULUS .) Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors or stumps of trees they are invaluable.	....	H.A.C.	....	....
Double "Snowy Fairy" . A beautiful climbing annual.	20	....	....	.10
cardinalis "Cardinal Flower." A rapid growing annual, with deep cardinal red flowers and laciniated foliage. ½ oz. 50 cts.	30	....	....	.15
grandiflora alba (Moonflower). Large, heart-shaped leaves and large, pure white flowers, which open only late in the evening. ¼ oz. 35 cts.	....	....	1.00	.10
rubro cœrulea (Heavenly Blue). Beautiful, large, sky-blue flowers.	10	....	1.00	.15
setosa (Brazilian Morning Glory). Large, ornamental foliage, with bright rose flowers. ¼ oz. 30 cts.	....	....	.75	.10
Imperial Japanese, Mixed . A great improvement over the old-fashioned sorts.	15	....	.50	.10
Quamoclit . (See CYPRESS VINE .)				



NAME AND DESCRIPTION		Height in feet	Duration	Ounce	Pkt.
IONOPSIDIUM acaule. Pale mauve flowers adapted for rockeries and carpet bedding; very dwarf habit.					
KALANCHOE flammea. Splendid greenhouse plant with large heads of orange-scarlet flowers.		1/4	H.H.P.	....	\$0.15
KENILWORTH IVY. Neat, hardy climber, clinging to walls, etc.		1 1/2	G.S.	....	.50
KOCHIA tricophylla (Belvedere Summer Cypress, or Mexican Firebush). Grows in a perfectly pyramidal shaped cypress bush, with small feathery, light-green foliage. Becomes a lovely crimson hue about September.		6	H.P.	....	.15
KUDZU VINE (Pueraria Thunbergiana). A splendid climber for covering permanent verandas, dead trees, etc. Large green foliage and pea-shaped blossoms.		2 1/2	H.A.	\$0.75	.10
LANTANA. One of the most desirable greenhouse or bedding plants; constantly in bloom. Newest hybrids, mixed.		30	H.P.	1.5	15
LATHYRUS latifolius, Perennial Sweet Pea. Hardy climbers. Fine for cutting.		2	G.S.	1.00	.15
latifolius. Purplish-red.		8	H.P.	....	....
latifolius albus. Pure white.		1/4 oz. 35 cts.	....	.75	.15
White Pearl. A large flowering, robust growing variety of the above.		1/4 oz. 35 cts.	....	.75	.15
Pink Beauty. Rosy pink.		1/4 oz. 40 cts.	....	1.50	.15
Finest Mixed. All colors.		1/4 oz. 30 cts.	....	.75	.10
LARKSPUR. Elegant and ornamental plants, producing in great variety of form some of the most beautiful flowers in cultivation.					
Marshall's Invincible Branching. Azure-blue.		1/4 oz. 35 cts.	2	H.A.	1.00 .15
Marshall's Invincible Branching. Carmine.		1/4 oz. 35 cts.	....	1.00	.15
Marshall's Invincible Branching. Flesh color.		1/4 oz. 35 cts.	....	1.00	.15
Marshall's Invincible Branching. Rose.		1/4 oz. 35 cts.	....	1.00	.15
Marshall's Invincible Branching. White.		1/4 oz. 35 cts.	....	1.00	.15
Marshall's Invincible Branching. Finest Mixed.		1/4 oz. 30 cts.	....	1.00	.10
Newport Scarlet. Can be treated either as an annual or biennial.		1/4 oz. 60 cts.	2	2.00	.15
Dwarf Rocket. Finest colors. Fine for bedding.		1	H.A.	.40	.05
Tall Rocket. Mixed. Long showy spikes.		2	....	.40	.05
Collection Invincible, Branching, Four Varieties.		....	....	....	.60
Perennial Larkspur. (See Delphinium .)					
LAVATERA splendens rosea (Pink Mallow). Bushy plants; produce large, open, pink, mallow-like flowers in great profusion.		1/4 oz. 35 cts.	3	H.A.	1.00 .15
splendens, alba. Large, glossy white flowers.		1/4 oz. 35 cts.	3	H.A.	1.00 .15
Finest Mixed Colors.		....	....	.50	.10
LEMON VERBENA. (See VERBENA .)					
LEPTOSYNE Maritima. Large lemon-yellow Marguerite-like flowers on tall stalks.		1/4 oz. 75 cts.	3	H.A.	.... .15
LINARIA cymbalaria. (See KENILWORTH IVY .)					
LINUM grandiflorum rubrum. Single, scarlet flowers.		1	H.A.	.40	.10
Perenne. A lovely plant with blue flowers.		1/4 oz. 35 cts.	1 1/2	H.P.	.... .10
LOBELIA. Bushy plants, with pendant branches; very profuse flowering. Fine for baskets or edging borders.					
Marshall's Compact. The finest dark blue Lobelia, the plants are compact covered with a profusion of bloom.		1/16 oz. \$1.00.	1 1/2	....	.25
Erinus Crystal Palace compacta. Dark blue.		1/16 oz. 50 cts.	3/4	H.H.A.	.... .15
Erinus compacta, Emperor. Light blue.		1/16 oz. 50 cts.	....	....	.15
Erinus speciosa. Bright blue flowers.		1/8 oz. 40 cts.	1 1/2	....	2.25 .10
Erinus gracilis. Blue flowers; trailing.		1/8 oz. 30 cts.	1 1/2	....	2.00 .10
Erinus, Mixed Colors. White, blue, rose, etc.		1/4 oz. 50 cts.	....	1.50	.10
tenuior (Ramosa). Upright habit with very large blue flowers; adapted for pots or borders.		1	H.H.A.	....	.25
Perennial Varieties:					
cardinalis (Cardinal Flower). A native variety, with spikes of scarlet flowers; fine border plant.		3	H.P.	....	.25
cardinalis Hybrids. Splendid hybrids, mixed.		3	....	....	.25
LOPHOSPERNUM scandens. Dark rose. A rapid-growing climber.		8	H.H.A.	....	.15
LOVE-LIES-BLEEDING. (See AMARANTHUS .)					
LOVE-IN-A-MIST. (See NIGELLA .)					
LUPINUS. Free flowering plants, with long spikes of flowers. The Annual and Perennial varieties are among the most useful of our garden flowers, either for mixed borders or house decorations.					
Hartwegii Blue. A delicate shade.		1/4 oz. 30 cts.	2	H.A.	1.00 .10
Hartwegii White. Splendid for cutting.		1/4 oz. 30 cts.	2	H.A.	1.00 .10
hybridus roseus. Rose.		1/4 oz. 30 cts.	2	H.A.	1.00 .10
Tall Mixed, Annual Varieties.		....	2	H.A.	.50 .10
Perennial Varieties:					
polyphyllus albus. White.		2	H.P.	.60	.10
polyphyllus cærulea. Blue.		2	....	.60	.10
polyphyllus roseus. Rose.		1/4 oz. 50 cts.	2	....	1.50 .15
Snow Queen. A grand variety; pure white.		1/4 oz. 35 cts.	2	H.P.	1.00 .15
Mixed Perennial Varieties.		3	H.P.	.50	.10
LUNARIA biennis (Honesty). A curious plant grown for its peculiar, transparent seed pods, which are used as Winter decoration.		2	H.B.	.75	.10
LYCHNIS chalcædonica. The old favorite Scarlet Lychnis.		1/4 oz. 35 cts.	4	H.P.	1.00 .10
Arkwrightii. Large brilliant flowers varying in color from orange-scarlet to soft salmon pink.		1 1/2	H.P.	....	.25
Haageana Hybrids, Mixed Colors. Bushy little plants.		1/8 oz. 35 cts.	1	....	.15
MALOPE grandiflora. Mixed. Very showy border annual; large flowers.		2	H.A.	.50	.10



NAME AND DESCRIPTION

	Height in feet	Duration	Ounce	Pkt.
MARIGOLD. Widely grown hardy annuals, invaluable for bedding and producing an elegant display of yellow, orange and brown flowers from early Summer till frost.				
African Varieties.	2	H.A.	....	....
Marshall's Lemon Queen. A charming shade. $\frac{1}{4}$ oz. 50 cts.	2	....	....	\$0.10
Marshall's Prince of Orange. Beautiful orange color. $\frac{1}{4}$ oz. 50 cts.	2	....	....	.10
Mixed Double. $\frac{1}{4}$ oz. 35 cts.	2	....	....	\$1.00
Collection Double African. Six colors separate.	2	....	....	.40
French Varieties:				
Dwarf Gold Striped. Rich and quaintly striped double flowers. $\frac{1}{4}$ oz. 35 cts.	1	H.A.	1.00	.10
Legion of Honor. Single yellow blooms, marked with red. $\frac{1}{4}$ oz. 35 cts.	$\frac{3}{4}$	....	.75	.10
Dwarf Mixed, Double. $\frac{1}{4}$ oz. 35 cts.	1	....	1.00	.10
Collection, Double French Dwarf. Six colors separate.	1	....	....	.40
MARVEL OF PERU. A well known, handsome, free flowering garden favorite, does well everywhere. Mixed. (Four o'Clocks)	2	H.A.	.50	.05
MATHIOLA bicornis (Evening Scented Stock). Very sweet-scented lilac flowers. $\frac{1}{4}$ oz. 25 cts.	$\frac{1}{2}$	H.H.A.	.75	.10
MATRICARIA (Feverfew). Low-growing plants; suitable for beds and edgings.	1	H.H.P.	....	....
capensis plena. Dwarf double white. $\frac{1}{4}$ oz. 35 cts.	1	....	1.00	.10
Golden Ball Very striking double golden-yellow flowers. $\frac{1}{8}$ oz. \$1.00.	1	....	....	.15
Silver Ball. Dainty double white spherical flowers. 1-16 oz. \$1.00.	1	....	....	.25
MAURANDYA, Mixed Colors. Tender climber.	6	H.H.P.	....	.15
MECONOPSIS integrifolia. The new hardy yellow Poppy from Thibet; soft primrose-yellow flowers are as large as Peonies.	....	H.H.P.	....	.50
MESEMBRYANTHEMUM Crystallinum (Ice Plant). A dwarf trailing annual plant; flowers white. $\frac{1}{4}$ oz. 35 cts.	$\frac{1}{2}$	H.H.A.	1.00	.10
MIGNONETTE, Large Flowering. The popular fragrant garden annual. The seed can be sown at any time, and, if successive sowings are made, its fragrant, modest-colored flowers may be gathered outdoors until November.	....	H.A.	....	....
Allen's Defiance. Full round spikes of great length. $\frac{1}{4}$ oz. 35 cts.	$1\frac{1}{2}$	....	1.00	.10
Bismarck. Improved Dwarf. Mchet variety.	1	....	1.00	.10
Crimson Giant. Deep red flowers. $\frac{1}{4}$ oz. 35 cts.	1	....	1.00	.10
Goliath. Red; enormous spikes. $\frac{1}{4}$ oz. 50 cts.	1	....	1.50	.10
Golden Queen. Compact yellow flowers. $\frac{1}{4}$ oz. 35 cts.	1	....	1.00	.10
Machet, Dwarf. Strong plants of pyramidal growth; long, broad spikes of deliciously scented red flowers. $\frac{1}{4}$ oz. 35 cts.	$\frac{3}{4}$	....	1.00	.10
Majesty. Selected strain for pots or benches. 1-16 oz. \$1.00.	$1\frac{1}{2}$	....	....	.50
New York Market. The finest of all the fancy varieties of Mignonette for Winter forcing. Seed saved from selected spikes under glass. 1-16 oz. \$1.00.	$1\frac{1}{2}$	....	....	.50
Sweet-Scented (Reseda odorata grandiflora). The large flowering garden variety	1	....	.40	.05
MIMOSA pudica (Sensitive Plant). An interesting plant with rosy-lilac flowers. The leaves close when touched.	1	H.H.A.	.75	.10
MIMULUS tigrinus, Spotted, Mixed (Monkey Flowers)	1	H.A.	....	.15
moschatus (Musk Plant). Fragrant; for pots. 1-16 oz. \$1.00.	$\frac{1}{2}$	H.H.P.	....	.25
MINA lobata. Rapid climber with crimson and orange flowers.	10	H.A.C.	....	.10
MIRABILIS. (See Marvel of Peru.)	....	....	....	....
MOMORDICA. Trailing plants, with curious and ornamental foliage and remarkable fruit.	....	....	....	....
Balsamina (Balsam Apple). Orange fruit.	15	H.A.C.	.50	.10
Charantia (Balsam Pear). Copper colored scarlet fruit.	15	....	.50	.10
MOON FLOWERS. (See IPOMŒA grandiflora.)	....	....	....	....
MORNING GLORIES. (See IPOMŒA and CONVOLVULUS.)	....	....	....	....
MUSK. (See MIMULUS.)	....	....	....	....
MYOSOTIS, or FORGET-ME-NOTS. Perennials and hardy if given slight protection through the Winter. Seed may be sown any time from Spring until mid-Summer.	....	....	....	....
alpestris, Blue. $\frac{1}{4}$ oz. 50 cts.	$\frac{1}{2}$	H.P.	1.50	.15
alpestris, Mixed Colors. White, blue, pink, etc. $\frac{1}{4}$ oz. 50 cts.	....	....	1.50	.10
dissitiflora. Blooms very early; flowers blue. $\frac{1}{8}$ oz. \$1.00.	1	....	....	.25
palustris semperflorens. The true water Forget-Me-Not. Blooms from early Spring until Autumn. Dark blue. $\frac{1}{4}$ oz. \$1.00.	1	....	....	.25
Marshall's Royal Blue. Early and free flowering, color deep indigo blue. Fine for borders or cutting. $\frac{1}{8}$ oz. \$1.00.	$\frac{3}{4}$	....	....	.25
robusta grandiflora, Eliza Fonrobert. A very strong-growing variety. $\frac{1}{4}$ oz. 75 cts.	1	....	2.00	.15
Ruth Fischer. Compact growth; blue flowers.	$\frac{3}{4}$	....	....	.25
Victoria. The plants are of dwarf, compact growth, with multitude of bright blue flowers in dense umbels. $\frac{1}{4}$ oz. \$1.00.	$\frac{1}{2}$	....	3.00	.15
NASTURTIUM (Tropæolum nanum).	....	....	....	....
Tom Thumb, or Dwarf Varieties. These have a compact habit and attractive foliage; are not disturbed by insects; bloom in two months from sowing, and most profusely the whole season.	1	H.A.	....	....
Aurora. Yellow-veined.	1	H.A.	.25	.10
Beauty. Yellow and scarlet.	....	....	.25	.10
Cloth of Gold. Scarlet, yellow foliage.	....	....	.25	.10
Empress of India. Crimson, dark foliage.	....	....	.25	.10
King Theodore. Garnet; dark foliage.	....	....	.25	.10
King of Tom Thumbs. Scarlet.	....	....	.25	.10
luteum. Bright yellow; no blotches.	....	....	.25	.10
Pearl. Creamy white.	....	....	.25	.10
Rose Color.	....	....	.25	.10
Marshall's Dwarf Rainbow Mixture. These contain all the leading named sorts, mixed. $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.	....	....	.20	.05
Collection of 12 Varieties.	....	....	....	.50



NAME AND DESCRIPTION		Height in feet	Duration	Ounce	Pkt.
NASTURTIUM (Tropaeolum majus).					
Tall, or Climbing Varieties. Adapted for rockwork, banks, covering trellises or rustic work; the seeds, if picked young, are an excellent substitute for capers.					
Chameleon. Various colors on one plant.	6	H.A.C.		\$0.25	\$0.10
Dark Crimson. ....				.25	.10
King Theodore. Crimson; dark foliage. ....				.25	.10
Pearl. Creamy white. ....				.25	.10
Rose (Von Moltke). ....				.25	.10
Scarlet. ....				.25	.10
Yellow. ....				.25	.10
Vesuvius. Salmon rose. ....				.25	.10
Marshall's Tall Rainbow Mixture. From the best varieties. ¼ lb. 60 cts., lb. \$2. ....				.20	.05
Collection of 12 Varieties. ....					.50
LOBB'S NASTURTIIUMS (Tropaeolum Lobbianum). Very free blooming, embracing the most brilliant colors, climbing about 6 feet. Excellent for window boxes, vases and hanging baskets.					
Lobb's Finest Mixture.	6	H.A.C.		.25	.10
Madame Gunther Hybrids. A French strain; noted for wide range of fine colors. ....				.25	.10
NEMESIA strumosa grandiflora Suttonii. Bushy plants; flowers of unique form.					
⅞ oz. \$1.00.		H.A.			.25
Compacta Blue Gem. Large flowers of a pretty Forget-me-not blue; a fine pot plant.					
⅞ oz. \$1.00.	¾				.25
compacta Triumph. New dwarf compact. Finest mixture. ⅞ oz. \$1.00.	½				.25
NEMOPHILA. Splendid free flowering annual, with cup-shaped flowers of many bright colors. Mixed colors.					
1	H.A.		.50	.10	
NICOTIANA affinis. Fragrant, star-shaped white flowers. ¼ oz. 35 cts.					
3	H.H.A.		1.00	.10	
affinis Hybrids. Large flowered; scented. All shades, mixed. ¼ oz. 50 cts.					
2			1.50	.10	
Sandara Hybrids. All colors. ¼ oz. 35 cts.					
3			1.00	.10	
Sylvestris. Large drooping clusters of pure white flowers. ¼ oz. 35 cts.					
4			1.00	.10	
NIEREMBERGIA frutescens. For hanging baskets or borders; large, cup-shaped lilac flowers. ¼ oz. 50 cts.					
1	H.H.P.		1.50	.10	
NIGELLA (Love-in-a-Mist). Beautiful border plants.					
	H.A.				
Miss Jekyll. A lovely variety with Cornflower-blue blossoms; splendid for cutting.					
¼ oz. 35 cts.	1½		1.00	.10	
Miss Jekyll White. Valuable for borders and cutting. ¼ oz. 35 cts.					
1½			1.00	.10	
Finest Mixed. Blue, white and purple.					
1½			.50	.10	
ÆNOTHERA (Evening Primrose). Useful for exposed sunny positions, blooming the entire Summer. Finest mixed.					
1	H.A.		.75	.10	
PANSIES are the most popular flowers grown. They thrive best in a cool, moist, but well-drained soil. Sow the seeds in April and May for Summer flowering, and August for early flowers the following Spring. Our mixtures contain a large variety of colors.					
½	H.H.P.				
Marshall's Special Mixture. Saved from only the largest and best shaped flowers of the richest colors. Fine for greenhouse flowering. ⅞ oz. \$3.00.					
					1.00
Marshall's Chelsea Exhibition. This strain of Exhibition Pansies won the first prize at the Boston Show the past two years. They are without doubt the finest strain for forcing or outdoor planting obtainable. ⅞ oz. \$2.00.					
					1.00
Marshall's Greenhouse Mixture. A selection of varieties adapted for growing under glass. ⅞ oz. \$1.25.					
					.50
Marshall's Matchless Mixture. This matchless strain consists entirely of the newest best shaped and most handsome flowers, including an immense variety of brilliant colors. The seeds we offer are carefully saved from the largest selected flowers. ⅞ oz. \$2.00.					
			12.00	.50	
Marshall's Superb Giant, Mixed. A rich and most choicely varied mixture producing only the finest colors, largest flowers and beautiful forms. ⅞ oz. \$1.50.					
			8.00	.25	
Masterpiece. A beautiful strain of blotched and curled varieties. ⅞ oz. 75 cts.					
				.15	
Good Mixed Pansies. ¼ oz. 75 cts.					
			2.00	.10	
Giant Trimardeau, Mixed. Large flowers in a good variety of colors. ¼ oz. \$1.00.					
			3.50	.15	
GIANT PANSIES, in Varieties.					
Giant Adonis. A beautiful light blue. ⅞ oz. 75 cts. ....					.15
Giant Emperor. Ultramarine blue. ⅞ oz. 75 cts. ....					.15
Giant Fire King. Crimson-purple and golden yellow. ⅞ oz. 75 cts. ....					.15
Giant Golden Queen. Beautiful pure yellow. ⅞ oz. 75 cts. ....					.15
Giant Golden Yellow, with dark eye. ⅞ oz. 75 cts. ....					.15
Giant King of the Blacks. ⅞ oz. 75 cts. ....					.15
Giant Lord Beaconsfield. Violet, shaded white. ⅞ oz. 75 cts. ....					.15
Giant Snow Queen. Pure white. ⅞ oz. 75 cts. ....					.15
Giant Striped. Variety of markings. ⅞ oz. 75 cts. ....					.15
Giant Victoria. Wine red shades. ⅞ oz. 75 cts. ....					.15
Giant White, with black eye. ⅞ oz. 75 cts. ....					.15
Collection of Six Varieties, Giant named. ....					.85
Collection of Ten Varieties, Giant named.					1.40
PAPAVER. (See POPPIES.)					
PASSION FLOWER, carulea. Large; violet and blue.					
10	H.H.P.			.15	
PENTSTEMON. Highly useful and attractive hardy perennials, and much used in the hardy border.					
gentianoides, Fine Mixed Colors. ¼ oz. 75 cts.					
2	H.P.		2.00	.15	
gloxinioides "Sensation." A grand variety of colors. Will bloom from seed in June if sown early in March					
2	H.P.			.15	
Marshall's Matchless Hybrids. A superb mixture of the best perennial sorts.					
⅞ oz. \$1.00.		H. P.		.25	

NAME AND DESCRIPTION

	Height in feet	Duration	Ounce	Pkt.
PERILLA nankinensis. Ornamental-leaved plants.....	1½	H.A.	\$0.40	\$0.10
PETUNIA. One of our easiest cultivated and freest flowering annuals. Will succeed almost anywhere and give a continuity of the most brilliant bloom from June till killed by frost.....	1	H.A.	....	....
Marshall's Double Giant, Fringed, Finest Mixed Hybrids. An exceptionally fine strain, remarkable for the large, beautiful, colored, double flowers.....	1	....	....	.50
Single Varieties:				
Marshall's Superb Large Flowered Mixed (California Giants). Magnificent flowers, with throats beautifully veined.....	1½	....	....	.25
Marshall's Superb Large Flowered Fringed, Mixed. Flowers with fringed and frilled edges; distinct and beautiful.....	1½	....	....	.25
Large Flowered, Finest Mixed. Fine large flowers in superb mixture. ⅜ oz. \$1.50.	1½	....	....	.15
Fine Mixed. An assortment of medium-sized flowers; fine for bedding. ¼ oz. 50 cts.	1	....	1.50	.10
maculata, Striped and Blotched (Inimitable). Flowers quite large and handsomely striped and spotted. ¼ oz. 50 cts.....	1	....	1.50	.10
Adonis. Very showy, fiery carmine, white throat, free blooming and compact growth. ⅓ oz. \$1.00.....	1	....	....	.15
Howard's Star. Crimson, with white star. ⅓ oz. 50 cts.....	1	....	....	.10
Marshall's Purple Bedder. A beautiful purple bedding variety. ⅓ oz. \$1.00.....	1	....	....	.25
Marshall's Violet Queen. A grand Petunia for Bedding, growing about 18 inches high and very free flowering. ⅓ oz. \$2.00.....	1½	....	....	.25
Norma. Blue with white star, compact habit, very showy. ⅓ oz. \$1.00.....	1	....	....	.15
Rosy Morn. Soft carmine pink. ⅓ oz. 75 cts.....	1	....	....	.15
Snowball. Dwarf pure white; a fine bedding variety. ⅓ oz. 50 cts.....	¾	....	....	.15
Snowstorm. Pure white; large flowering.....	¾	....	....	.25
PHACELIA campanularia. Very showy with bright blue bell-shaped flowers. ¼ oz. 50 cts.....	¾	H.A.	....	.10
PHLOX, Drummondii grandiflora. Improved large flowering strains of this famous garden annual. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past.....	1	H.A.	....	....
Blood-Purple. ¼ oz. 75 cts.....	1	....	2.00	.15
Brilliant Rose. ¼ oz. 75 cts.....	1	....	2.00	.15
Crimson. ¼ oz. 75 cts.....	1	....	2.00	.15
Salmon Rose. Salmon with yellow eye. ¼ oz. 75 cts.....	1	....	2.00	.15
Vivid Scarlet. ¼ oz. 75 cts.....	1	....	2.00	.15
White. ¼ oz. 75 cts.....	1	....	2.00	.15
Yellow. ¼ oz. 75 cts.....	1	....	2.00	.15
stellata splendens. Star-like crimson. ¼ oz. 75 cts.....	1	....	2.00	.15
Choicest Mixed. Contains a very large variety of color. ¼ oz. 50 cts.....	1	....	1.50	.10
PHLOX, Large Flowering, Dwarf Varieties. Effective for beds or borders.....	1	H.A.	....	....
nana compacta Fireball. Bright red. ⅓ oz. \$1.00.....	½	....	....	.15
nana compacta Snowball. Compact, pure white. ⅓ oz. \$1.00.....	½	....	....	.15
nana compacta Mixed Colors. Star-shaped flowers. ⅓ oz. \$1.00.....	½	....	....	.15
PHLOX, Hardy Perennial decussata. Most brilliant colored flowers in late Summer and Fall. ¼ oz. \$1.00.....	3	H.P.	....	.15
PHYSALIS Franchetti (Giant Winter Cherry). Balloon-like fruits.....	3	H.B.	....	.15
PHYSOSTEGIA (False Dragon Head).				
virginica. One of the prettiest hardy perennials. It forms dense bushes bearing freely spikes of delicate pink tubular flowers. ⅓ oz. 50 cts.....	3	H.P.	....	.15
virginica alba. Pure white. ⅓ oz. 50 cts.....	3	....	....	.15
PINKS. (See DIANTHUS .)				
PLATYCODON. The large flowering Chinese Bell Flowers.....	1	H.P.	....	....
grandiflorum. Large, steel-blue flowers. ⅓ oz. 50 cts.....	2	....	3.00	.15
album. Pure white variety. ⅓ oz. 50 cts.....	2	....	3.00	.15
Mariesi. Dwarf, large flowered blue. ⅓ oz. 50 cts.....	1	....	3.00	.15
POLEMONIUM coeruleum grandiflorum (Jacob's Ladder). Deeply cut foliage and clusters of handsome blue flowers. ¼ oz. \$1.00.....	2	H.P.	....	.15
Grandiflorum album. Pure white. ¼ oz. \$1.00.....	2	H.P.	....	.15
POLYANTHUS, Marshall's Matchless Gold Laced. Saved from the largest flowers in a wide range of colors. ⅓ oz. \$1.00.....	1	....	....	.25
Munstead Giants. A magnificent strain of Bunch Primroses in shades of yellow and white.....	1	....	....	.25
PORTULACA. One of the freest-flowering dwarf annuals, especially adapted for sunny locations. Flowers of the most brilliant colors.....	½	H.A.	....	....
Single. Separate Colors: Rose, Scarlet, White, Yellow. Each ¼ oz. 50 cts.....	1	....	1.50	.10
Single. Finest mixed. ¼ oz. 35 cts.....	1	....	.75	.05
Double Large Flowering. Finest Mixed. Will produce a large percentage of double flowers in many colors. ¼ oz. \$1.25.....	½	....	....	.15
POPPIES. Showy, free blooming, old-fashioned flowers. Very effective in mixed borders.....	1	H.A.	....	....
Single Annual Varieties:				
glaucom. The Scarlet Tulip Poppy. ¼ oz. 35 cts.....	1	....	1.00	.10
King Edward. Free-flowering, beautiful scarlet. ¼ oz. 35 cts.....	1	....	1.00	.10
Miss Sherwood. Flowers satiny-white and chamois rose.....	1	....	.40	.10
The Shirley. Their brilliant, dazzling coloring and wonderful variety make a very effective display in the garden or for cut flowers.....	1	....	1.50	.15
Rose-Pink Shirley. A beautiful pink variety. ¼ oz. 50 cts.....	1	....	1.00	.15
Marshall's Extra Selected Shirley. A grand variety of colors, saved from selected flowers. ¼ oz. 35 cts.....	1	....	1.00	.15
The Bride. A beautiful variety with large pure white flowers.....	1	....	.50	.10



NAME AND DESCRIPTION		Height in feet	Duration	Ounce	Pkt.
POPPIES —Continued.					
Virginia. Flowers white, edged soft pink; fringed.		1		\$0.50	\$0.10
Single Mixed Poppies. All kinds.		1		.50	.05
Double Annual Varieties:					
American Flag. White, edged red.		1	H.A.	.60	.10
Eldorado Double Mixed. A double form of Shirley Poppy, in choice mixture.					
1/4 oz. 35 cts.		1		1.00	.15
Mikado. White, edged scarlet.		1		.60	.10
White Swan. Large, beautifully fringed white flowers.		1		.60	.10
Carnation-Flowered. Mixed colors.		1		.50	.10
Pæony-Flowered. Mixed colors.		1		.50	.10
Hardy Perennial Varieties:					
bracteatum. Orange-scarlet hardy Poppy. 1/4 oz. 25 cts.		1	H.P.	.75	.10
Iceland Poppies. While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts.					
nudicaule (Iceland Poppy). Dwarf, bright yellow. 1/4 oz. 50 cts.		1	H.P.		.10
nudicaule aurantiacum. Orange. 1/4 oz. 50 cts.					.10
nudicaule album. Pure white. 1/4 oz. 50 cts.					.10
nudicaule Mixed Iceland Poppies. 1/4 oz. 50 cts.				1.50	.10
orientale Mixed Hybrids. Finest shades. 1/4 oz., 50 cts.		3	H.P.	1.50	.10
POTENTILLA, Double Hybrids, Mixed. Splendid hardy perennials with ornamental foliage and brilliant flowers in shades of yellow and red from June to August.					
Single Mixed. Various shades of yellow and brown.		2	H.P.		.25
PRIMULA sinensis, fimbriata (Chinese Primrose). A charming profuse flowering plant, indispensable for Winter and Spring decoration.					
		3/4	G.P.		
Marshall's Giant. Deep blue.					.50
Marshall's Giant. Pure white.					.50
Marshall's Giant. Salmon.					.50
Marshall's Giant. Scarlet.					.50
Marshall's Giant. Matchless Mixed.					.50
PRIMULA obconica. One of the most useful greenhouse plants.					
obconica gigantea alba. White.		1	G.P.		.50
obconica gigantea lilacina. Lilac.					.50
obconica gigantea Kermesina. Crimson.					.50
obconica gigantea rosea. Rose.					.50
obconica gigantea, Finest Mixed.					.25
PRIMULA malacoides. A charming free flowering pot plant; delicate lilac.					
		1	G.P.		.25
malacoides alba. Pure white.					.25
malacoides rosea. Charming rose pink.					.25
malacoides superba. Larger flowers and much deeper in color than malacoides.					.35
malacoides robusta. A clear rosy-lavender shade with yellow eye.					.35
malacoides pink beauty. Large flowers of a beautiful rosy-pink, almost shading to mauve.					.35
Eureka. A new Giant form of obconica. Rich rosy carmine, shaded cerise, a clear yellow eye.		1	G.P.		1.00
Kewensis. Bright yellow, fragrant flowers.		1 1/2	G.P.		.25
stellata (The Star Primula). Excellent pot plants for decoration purposes. Mixed colors.		1	G.P.		.25
Hardy Primulas or Primroses:					
Beesiana. Very free flowering. Glowing velvety-purple with yellow eye.			H.H.P.		.25
japonica (Japanese Primrose). Mixed colors. 1/4 oz. \$1.00.		1	H.P.		.25
PRIMROSE, Marshall's New Blue. Many shades of blue to deep violet.		1 1/2	H.P.		.25
vulgaris. English yellow Primrose. 1/8 oz. \$1.00.		1 1/2	H.P.		.25
vulgaris Hybrids. Very choice hybrids of the English Yellow Primrose.		1 1/2	H.P.		.25
PYRETHRUM. Fine for edging and borders.					
			H.H.P.		
aureum Golden Feather. Bright yellow foliage. 1/4 oz. 30 cts.		1 1/2		1.00	.10
aureum Golden Gem. 1/4 oz. 50 cts.		1 1/2		1.50	.10
hybridum. Large Daisy or Cosmos-like flowers; blooms in early Summer and late Fall.					
Single. Large flowering, mixed colors. 1/4 oz. \$1.00.		2	H.P.		.15
hybridum fl. pl., Double. Large flowering, beautiful colors. 1/8 oz. \$2.00.		2			.25
REHMANNIA angulata. Flowers rose-purple with spotted throat.		3	H.H.P.		.25
RHODANTHE (Swan River Everlasting). For borders or pot culture.					
maculata. Rose with dark center. 1/4 oz. 35 cts.		1	H.A.	1.00	.10
maculata alba. Pure white. 1/4 oz. 35 cts.		1		1.00	.10
Finest Mixed. 1/4 oz. 35 cts.		1		1.00	.10
RICINUS (Castor Oil Plant). From seed they quickly attain gigantic proportions and are ornamental till destroyed by frost.					
cambogensis. Maroon foliage.		5	H.H.A.	.35	.10
Gibsoni. Purplish leaves and stems.		6		.35	.10
panormitans. Large dark brown leaves, blue powdered stems, upright habit.		6		.35	.10
sanguineus. Red stems.		6		.35	.10
zanzibarensis, Mixed. Immense leaves.		8		.35	.10
Mixed Varieties.				.30	.10
ROCKET, SWEET. A very interesting, useful and free flowering plant.					
Purple. Beautiful purple color. 1/4 oz. 25 cts.		1 1/2	H.P.	.75	.10
White. Flowers rosy white. 1/4 oz. 25 cts.		1 1/2		.75	.10
Finest Mixed Colors. 1/4 oz. 25 cts.		1 1/2		.75	.10
ROMNEYA Coulteri (The California Tree Poppy). Large snowy white flowers. Requires protection in Winter.					
		2	H.H.P.		.25
RUDBECKIA bicolor superba. Yellow flowers.					
		2	H.A.		.15
Newmannii. Bright orange with black cone.		2	H.P.		.15
purpurea hybrida grandiflora. Beautiful large flowered hybrids.		2	H.P.		.25



NAME AND DESCRIPTION

	Height in feet	Duration	Ounce	Pkt.
SALPIGLOSSIS. One of the prettiest annuals of easy culture; very showy in beds or borders. A great favorite among annuals, of easy culture, with orchid-like flowers from early Summer until late Fall.	2	H.A.		
Marshall's Matchless Chamois. $\frac{1}{8}$ oz. 50 cts.				\$0.15
Marshall's Matchless Golden Yellow. $\frac{1}{8}$ oz. 50 cts.				.15
Marshall's Matchless Dark Scarlet. $\frac{1}{8}$ oz. 50 cts.				.15
Marshall's Matchless Purple. $\frac{1}{8}$ oz. 50 cts.				.15
Marshall's Matchless Rose and Gold. $\frac{1}{8}$ oz. 50 cts.				.15
Marshall's Matchless Scarlet and Gold. $\frac{1}{8}$ oz. 50 cts.				.15
Marshall's Matchless Violet and Gold. $\frac{1}{8}$ oz. 50 cts.				.15
Marshall's Matchless Yellow and White. $\frac{1}{8}$ oz. 50 cts.				.15
Marshall's Matchless Mixture. All colors. $\frac{1}{4}$ oz. 75 cts.				.15
Large Flowering. Mixed colors. $\frac{1}{4}$ oz. 25 cts.	1		\$0.75	.10
Collection of Six Separate Colors.				.75
SALVIA (Flowering Sage). One of our most handsome Summer- and Autumn-flowering plants, growing into compact bushes about 3 feet high and literally ablaze with brilliant flowers.		H.A.		
Marshall's Fireflame. A dwarf, large flowering Salvia, very early flowering; plants compact and covered with long spikes of brilliant scarlet flowers. $\frac{1}{8}$ oz. \$1.00	1½		6.00	.15
America, or Globe of Fire. The earliest, freest and most continuous bloomer. Brilliant scarlet flowers, borne well above the plant. $\frac{1}{8}$ oz. \$1.00	1½			.15
Blue Beard (Clary). Elegant plant with showy spikes of bright purple flowers. $\frac{1}{4}$ oz. 25 cts.	1½	H.A.	.75	.10
Bonfire. A splendid dwarf variety, with large, erect spikes of rich scarlet flowers. $\frac{1}{8}$ oz. 75 cts.	2			.15
farinacea. Light blue flowers, long spikes. $\frac{1}{8}$ oz. 75 cts.	2½	H.H.P.	4.00	.15
Ostrich Plume. The plants are well covered with brilliant scarlet plumes of flowers. $\frac{1}{8}$ oz. \$1.00	2			.15
splendens grandiflora (Scarlet Sage). A rich-flowered bedder. $\frac{1}{4}$ oz. \$1.00	3		2.50	.10
Summer Flowering. A brilliant scarlet variety that will come into flower in July.	2			.25
Zurich. Early-flowering; color brilliant scarlet. $\frac{1}{8}$ oz. 75 cts.	1¾		5.00	.15
patens. Magnificent blue flowers. $\frac{1}{8}$ oz. \$1.50	3	H.H.P.		.25
SANVITALIA procumbens fl. pl. Pretty bright double yellow flowers. $\frac{1}{4}$ oz. 30 cts.	½	H.A.		.10
SAPONARIA calabrica. Dwarf annual with pink starry flowers. $\frac{1}{4}$ oz. 35 cts.	1	H.A.	.75	.10
Vaccaria. Graceful sprays of pale rose flowers. Also used as a greenhouse pot plant. $\frac{1}{4}$ oz. 35 cts.	2	H.A.	.75	.10
SCABIOSA, or MOURNING BRIDE. Very showy, free flowering annual.		H.A.		
Tall Double, Cherry Red. $\frac{1}{4}$ oz. 35 cts.	2½		1.00	.10
Tall Double, Fiery Scarlet. $\frac{1}{4}$ oz. 35 cts.			1.00	.10
Tall Double, King of the Blacks. Deep purple-back. $\frac{1}{4}$ oz. 35 cts.			1.00	.10
Tall Double, Lavender Blue. $\frac{1}{4}$ oz. 35 cts.			1.00	.10
Tall Double, Rose Pink. $\frac{1}{4}$ oz. 35 cts.			1.00	.10
Tall Double, Pure White. $\frac{1}{4}$ oz. 35 cts.			1.00	.10
Tall Double, Finest Mixed. All colors. $\frac{1}{4}$ oz. 25 cts.			.60	.10
Dwarf Double. Many colors mixed. $\frac{1}{4}$ oz. 25 cts.			.60	.05
Perennial Varieties:				
caucasica alba. Delicate white flowers. $\frac{1}{8}$ oz. 75 cts.	2	H.P.		.15
caucasica. Silvery lavender-blue. $\frac{1}{8}$ oz. 75 cts.	2	H.P.		.15
caucasica hybrida Mixed. Hardy perennial with large flowers.	2	H.P.		.15
SCHIZANTHUS. Popularly known as the Poor Man's Orchid, for its wonderful coloring		H.H.A.		
Dr. Badger's Hybrids. Fern-like bright green foliage, covered with a beautiful range of colors. Grand for pot culture.	2			.50
Grahami. Free flowering red variety.	2			.25
hybridus grandiflorus. Finest Mixed. Very choice.	1½		1.50	.10
Pink Beauty. Flowers an exquisite shade of rose pink. Fine for pot plants.	1½			.50
retusus. Beautiful red and yellow flowers.	2			.25
retusus albus. White blotched with golden yellow.	2			.25
Wisetonensis, Marshall's Select Hybrids. Flowers varying from white with yellow eye, to rose with bronze center. Fine for pots.	1½			.25
Wisetonensis compacta, Mixed. Beautiful and varied colors.	1			.25
SEDUM cœruleum (Blue Stonecrop). For rockwood or edgings.	¼	H.A.		.15
SENECIO Multibracteatus. Flowers of clear rose color with yellow center.	2	H.A.		.25
SENSITIVE PLANT. (See MIMOSA pudica.)				
SHAMROCK. True small-leaved variety. $\frac{1}{4}$ oz. 50 cts.	¼	G.P.		.15
SILENE compacta. Double. Mixed colors.	1	H.A.	.50	.10
orientalis. Large, globular heads of bright rose flowers, which are clove-scented. Useful for cutting. $\frac{1}{4}$ oz. 35 cts.	2	H.P.	1.00	.10
SMILAX (Myrsiphyllum asparagoides.) Popular greenhouse climber with small dark green foliage. $\frac{1}{4}$ oz. 25 cts.	2	G.P.	.75	.10
SNAPDRAGON. (See ANTIRRHINUM.)				
SOLANUM capsicastrum nanum (Jerusalem Cherry). Ornamental plant for Winter decoration, with bright scarlet berries. $\frac{1}{4}$ oz. 50 cts.				.15
Acanthoides. A large brilliant orange red fruited Solanum with spiny stems.	1			.25
Cleveland. Valuable as a pot plant. Brilliant red fruit.	1			.25
STATICE Bonduelli. Bright yellow flowers. $\frac{1}{4}$ oz. 35 cts.	1½	H.A.		.10
incana hybrida nana Mixed. A charming variety of Sea Lavender. Fine for bouquets. $\frac{1}{4}$ oz. 50 cts.	1½	H.A.		.10
latifolia. Lavender-blue flowers. $\frac{1}{4}$ oz. 50 cts.	2	H.P.		.10
sinensis. Very graceful plant, flowers pure white with canary yellow. $\frac{1}{8}$ oz. 50 cts.	1½	H.H.A.		.10
sinuata hybrida. Flowers mauve, purple, white and yellow. $\frac{1}{4}$ oz. 50 cts.	1½	H.A.		.10
Suworowi. Flowers bright rosy color, fine for Winter decorations.	2	H.A.		.15



NAME AND DESCRIPTION		Height in feet	Duration	Ounce	Pkt.
STEVIA serrata. A greenhouse plant with fragrant, tiny white flowers; exceedingly valuable for cutting. $\frac{1}{4}$ oz. 50 cts.					
STOKESIA cyanea. Lavender-blue flowers. $\frac{1}{4}$ oz. \$1.50.		1½	T.P.		\$0.10
cyanea alba. A pure white flowering form. $\frac{1}{4}$ oz. \$1.50.		2	H.P.		.15
Finest Mixed. A mixture of pink, purple, blue and white shades. $\frac{1}{4}$ oz. 75 cts.				\$2.50	.15
STOCKS. Fine for garden decoration; flowers double, of various colors and very fragrant.			H.A.		
Marshall's Giant Perfection Ten-Weeks. A splendid double-flowered strain; especially adapted for bedding or pot culture.		2			
Giant Perfection, Chamoise Rose. $\frac{1}{8}$ oz. \$1.00.					.25
Giant Perfection, Dark Blue. $\frac{1}{8}$ oz. \$1.00.					.25
Giant Perfection, Crimson. $\frac{1}{8}$ oz. \$1.00.					.25
Giant Perfection, Flesh Color. $\frac{1}{8}$ oz. \$1.00.					.25
Giant Perfection, Light Blue. $\frac{1}{8}$ oz. \$1.00.					.25
Giant Perfection, Pure White. $\frac{1}{8}$ oz. \$1.00.					.25
Giant Perfection, Rose. $\frac{1}{8}$ oz. \$1.00.					.25
Giant Perfection, Scarlet. $\frac{1}{8}$ oz. \$1.00.					.25
Giant Perfection, Yellow. $\frac{1}{8}$ oz. \$1.00.					.25
Giant Perfection, Finest Mixed. All colors. $\frac{1}{8}$ oz. \$1.00.					.25
Large Flowering Ten Weeks, Mixed Colors. $\frac{1}{8}$ oz. 75 cts.		1		4.00	.10
Large Flowering, Collection of Six Colors.					1.25
Large Flowering, Collection of Nine Colors.					2.00
Winter Flowering Stocks:					
Cut-and-Come-Again, Princess Alice. Double white. $\frac{1}{8}$ oz. \$1.25.		2			.25
Beauty of Nice. Splendid rose color. $\frac{1}{8}$ oz. \$1.25.		2			.25
Crimson King. Brilliant fiery crimson. $\frac{1}{8}$ oz. \$1.25.					.25
Empress Elizabeth. Carmine rose. $\frac{1}{8}$ oz. \$1.25.					.25
Giant Abundance. Carmine-rose. $\frac{1}{8}$ oz. \$1.25.					.25
Mont Blanc. Pure white. $\frac{1}{8}$ oz. \$1.25.					.25
Queen Alexandra. Delicate rosy lilac. $\frac{1}{8}$ oz. \$1.25.					.25
White Lady. Large, double, snow white. $\frac{1}{8}$ oz. \$1.25.					.25
Yellow, Monte Carlo. Clear yellow. $\frac{1}{8}$ oz. \$1.25.					.25
East Lothian. Valuable for beds or borders and for greenhouses during the Winter months. For early Summer flowering, the seed should be sown in the Fall and plants Wintered over in frames.					
Finest Mixed. 1-16 oz. \$1.00.					.25
STREPTOCARPUS hybridus. Choice mixed.		½	G.P.		.50
SUNFLOWER. Decorative plants with masses of yellow flowers.			H.A.		
Double Californian. Orange.		5		.40	.10
Single Russian. Enormous flowers.		4		.20	.05
Double Globe-Shaped. Orange.		6		.35	.10
Chrysanthemum Flowered. Rich golden yellow flowers.		7		.50	.10
cucumerifolius (Miniature Sunflower). Of pyramidal growth; covered with bright orange, small, single flowers.		3		.60	.10
Marshall's "Excelsior" cucumerifolius Hybrids. The colors vary from shades of red, purple, mahogany and yellow. Very free flowering and valuable for cutting. $\frac{1}{8}$ oz. 50 cts.		3	H.A.		.15
Orion. A variety of Stella with twisted petals.		3		.60	.10
Red Hybrids, "The Red Sunflower." Large flowers in various shades of red and dark centers.		6		.50	.10
Stella (Improved Miniature Sunflower). Yellow.		3		.60	.10
cucumerifolius hybridus fl. pl. Splendid double varieties.		3		.60	.10
perennis Hybrids. Mixed hardy varieties.		3	H.P.		.25
SWEET SULTAN. (See CENTAUREA .)					
SWEET PEAS. See pages 50 and 51.					
SWEET ROCKET. (See ROCKET .)					
SWEET WILLIAM (Dianthus barbatus). Showy hardy biennials of easy culture; splendid for beds and borders with their rich varied flowers.					
Double Flowering, Mixed. $\frac{1}{4}$ oz. 30 cts.		1½	H.P.	1.00	.10
Single Flowering. Dark crimson. $\frac{1}{4}$ oz. 25 cts.				.60	.10
Carmine Beauty. A charming shade of color. $\frac{1}{4}$ oz. 75 cts.				2.00	.15
Diadem. A deep rich crimson, with white eye. $\frac{1}{4}$ oz. 50 cts.					.10
Giant White. A fine type of self-colored white. $\frac{1}{4}$ oz. 75 cts.				2.50	.10
Newport Pink. Salmon rose-pink flowers borne on long stems. $\frac{1}{4}$ oz. 75 cts.				2.00	.10
Scarlet Beauty. Intensely rich deep scarlet. $\frac{1}{4}$ oz. \$1.00.				2.50	.10
Pink Beauty. Very free flowering. $\frac{1}{4}$ oz. 75 cts.				2.00	.15
Single Flowering, Finest Mixed Colors.				.50	.05
Single Annual Mixed. Flowers of good size. Will bloom the first year.		¾		2.00	.10
Collection of Sweet William. Six varieties.					.50
TAGETES, signata pumila. A dwarf, bushy Marigold with golden yellow flowers. Fine for bedding. $\frac{1}{4}$ oz. 30 cts.		1	H.A.	1.00	.10
THUNBERGIA. Beautiful rapid-growing climbers. Mixed colors.		5	H.H.A.	1.00	.10
TORENIA. Tender trailing plants for vases or baskets.					
Fournieri. Velvety blue.		1	H.H.A.		.25
"The Bride." White and rose.					.25
TRITOMA semperflorens. Orange red. $\frac{1}{8}$ oz. 50 cts.		3	H.P.		.15
hybrida Mixed. Red and orange colors.		3			.25
Stark's Early Hybrids. A new perpetual flowering race. The colors embrace yellows and salmons to deep crimsons.		3			.25



NAME AND DESCRIPTION

	Height in feet	Duration	Ounce	Pkt.
TROPÆOLUM lobianum. (See NASTURTIUM .)				
VALERIAN, Red. Showy, hardy plant for the garden and rockery. $\frac{1}{4}$ oz. 30 cts.	2	H.P.	....	\$0.10
VERBENA. The Verbena is a universal garden favorite, very few plants making a more gorgeous display of brilliant flowers from Spring till late in the Autumn.				
Helen Willmott. A very pretty bright salmon rose, with white eye. $\frac{1}{4}$ oz. \$1.00.	1	H.A.	....	.15
Mammoth candidissima. Large trusses of white flowers. $\frac{1}{4}$ oz. 75 cts.	1	.....	\$2.00	.15
Mammoth cœrulea. Bright blue and purple in various shades.	1	.....	2.00	.15
Mammoth Lucifer. Intense brilliant scarlet with no eye. $\frac{1}{4}$ oz. 75 cts.	1	.....	2.00	.15
Mammoth Mayflower. A beautiful pink variety. $\frac{1}{4}$ oz. 75 cts.	1	.....	2.00	.15
Mammoth Yellow. Primrose color. $\frac{1}{4}$ oz. 75 cts.	1	.....	2.00	.15
hybrida gigantea Mixed. A greatly improved strain producing giant florets in many colors. $\frac{1}{4}$ oz. \$1.00.	1	.....	3.50	.15
Mammoth Finest Mixed. Extra choice. $\frac{1}{4}$ oz. 75 cts.	1	.....	2.00	.10
Lemon Verbena (Aloysia citriodora). Scented leaves.	.....	G.S.	.....	.15
venosa. Purple flowers. Blooms the first year from seeds. $\frac{1}{4}$ oz. 50 cts.	1	H.H.P.	.....	.10
VERBASCUM phœniceum. Long, slender stems with numerous flowers in various colors, including white, pink, blue, mauve and purple. $\frac{1}{4}$ oz. 50 cts.	1	H.P.	.....	.10
VERONICA spicata. Bright blue flowers. $\frac{1}{4}$ oz. 75 cts.	1½	H.P.	.....	.15
VINCA. Splendid free-flowering plants, much used for bedding and edging; glossy, dark-green foliage and pretty pink and white flowers. They are free blooming and one of the most satisfactory flowering bedding plants we have.	2	H.H.P.	.....	.....
alba pura. Pure white. $\frac{1}{4}$ oz. 60 cts.	.....	.....	2.00	.15
alba rosea. White, crimson eye. $\frac{1}{4}$ oz. 60 cts.	.....	.....	2.00	.15
delicata. A beautiful soft rose color. $\frac{1}{4}$ oz. 50 cts.	.....	.....	1.50	.15
rosea. Rose, dark eye. $\frac{1}{4}$ oz. 60 cts.	.....	.....	2.00	.15
Mixed. $\frac{1}{4}$ oz. 50 cts.	.....	.....	1.50	.10
VIOLA Bedding Varieties. Large flowering, self colors. Used for bedding.				
Marshall's Giant Blue. $\frac{1}{8}$ oz. \$1.25.	.....	.....	.....	.25
Marshall's Giant White. $\frac{1}{8}$ oz. \$1.25.	.....	.....	.....	.25
Marshall's Giant Yellow. $\frac{1}{8}$ oz. \$1.25.	.....	.....	.....	.25
Mixed. From best named Scotch varieties. $\frac{1}{8}$ oz. \$1.00.	.....	.....	.....	.25
VIOLA Tufted Pansies. Valuable for bedding and may be grown in the same manner as Pansies. Very free flowering.	½	H.H.P.	.....	.....
Admiration. Soft purple, dark blotched. $\frac{1}{8}$ oz. 75 cts.	.....	.....	.....	.15
lutea gradiflora. Orange. $\frac{1}{8}$ oz. 75 cts.	.....	.....	.....	.15
Mauve Queen. Pretty mauve. $\frac{1}{8}$ oz. 75 cts.	.....	.....	.....	.15
White Perfection. The best white. $\frac{1}{8}$ oz. 75 cts.	.....	.....	.....	.15
Finest Mixed. All colors. $\frac{1}{4}$ oz. \$1.00.	.....	.....	.....	.15
VIOLET. Sweet-scented Violet, blue.	½	H.H.P.	.....	.10
VISCARIA. Mixed colors; large, showy flowers.	1	H.A.	.50	.10
WALLFLOWER. Well known, deliciously fragrant half-hardy perennials, blooming early in the Spring, with spikes of beautiful flowers. They should be protected in a cold frame in the Winter, and planted out in April.				
Single Fine Mixed. Hardy varieties. $\frac{1}{4}$ oz. 25 cts.	1	.....	.75	.10
Double Fine Mixed. Hardy varieties. $\frac{1}{8}$ oz. 75 cts.	.....	H.H.P.	.....	.15
Annual Varieties. If sown in heat during March these will flower during the Summer and Autumn. Excellent for forcing.				
Annual, Early Paris Market. Bright brown. $\frac{1}{4}$ oz. 50 cts.	.....	H.A.	1.50	.15
Annual, Blood-Red. $\frac{1}{4}$ oz. 50 cts.	1	.....	1.50	.15
Annual, Fine Mixed. $\frac{1}{4}$ oz. 35 cts.	1	.....	.75	.10
Kewensis. A Winter-flowering variety. $\frac{1}{8}$ oz. 75 cts.	1	.....	.....	.15
ZERANTHEMUM. Double Mixed. Pretty annuals for Winter bouquets. $\frac{1}{4}$ oz. 30 cts.	.....	H.H.P.	.....	.10
ZINNIAS (Youth and Old Age). These well-known garden favorites are one of the most brilliant Summer-flowering plants. The flowers are large, very handsome and borne in great profusion. They succeed best in a sunny situation.	2	H.A.	.....	.....
elegans Matchless Double. Crimson. $\frac{1}{4}$ oz. 75 cts.	.....	.....	2.00	.10
elegans, Matchless Double. Lilac. $\frac{1}{4}$ oz. 75 cts.	.....	.....	2.00	.10
elegans, Matchless Double. Purple. $\frac{1}{4}$ oz. 75 cts.	.....	.....	2.00	.10
elegans, Matchless Double. Rose. $\frac{1}{4}$ oz. 75 cts.	.....	.....	2.00	.10
elegans, Matchless Double. Scarlet. $\frac{1}{4}$ oz. 75 cts.	.....	.....	2.00	.10
elegans, Matchless Double. White. $\frac{1}{4}$ oz. 75 cts.	.....	.....	2.00	.10
elegans, Matchless Double. Yellow. $\frac{1}{4}$ oz. 75 cts.	.....	.....	2.00	.10
elegans, Matchless Double. Fine mixed. $\frac{1}{4}$ oz. 50 cts.	.....	.....	1.50	.10
Collection of Six Colors, Matchless Double Varieties.	.....	.....	.....	.50
Achievement. It is distinct from other Zinnias by the shape of its petals, which are tubular at the base and expand in a Cactus-like form at the tips. Very large flowers in various shades.	2	.....	.....	.25
Dahlia Flowered. These are similar to the Double Dahlia in size and shape of flowers. Fine mixed. $\frac{1}{4}$ oz. \$1.00.	2	.....	.....	.15
Dwarf Salmon Rose. A good bedder. $\frac{1}{4}$ oz. 50 cts.	1	.....	1.50	.10
Dwarf, Scarlet Gem. Fine for bedding. $\frac{1}{4}$ oz. 50 cts.	2	.....	1.50	.10
Dwarf. Large flowering, double mixed. $\frac{1}{4}$ oz. 35 cts.	1	.....	1.00	.10
Haageana "Perfection." Small, double flowers in many colors, makes a beautiful border. Finest Mixed. $\frac{1}{8}$ oz. \$1.00.	1½	.....	.....	.15
Tall Double Mixed. Very double; a fine strain. $\frac{1}{4}$ oz. 35 cts.	2½	.....	1.00	.05
WILD GARDEN FLOWER SEEDS. This mixture contains over 100 varieties of the oddest and choicest annuals imaginable. For naturalizing purposes or sowing broadcast, nothing approaches Wild Flower Seeds for effect and cheapness. No care is necessary, and a never ending succession of bloom and fragrance can be obtained throughout the entire Summer and Fall. $\frac{1}{4}$ lb. 75 cts.	.....	H.A.	.25	.10



SWEET PEAS

There are no Annual Climbers that are more popular or more admired by everybody than Sweet Peas. They are of the easiest culture, unrivalled for cutting, delightfully fragrant and of the brightest and daintiest colors imaginable. As soon as the ground can be worked in the Spring, sow the seed in trenches at least 6 inches in depth, then as the plants grow fill in the soil about one inch at a time until the trenches are full, taking care not to cover the young plants. Liquid manure applied occasionally will be found very beneficial. Pick the flowers frequently, for if allowed to form seed the plants will soon stop blooming.

MARSHALL'S SPENCER TYPE SWEET PEAS

The Spencer types of Sweet Peas are a great improvement over the large flowering varieties. For cutting and exhibition purposes they are indispensable. The following varieties are a selection of the many kinds of this class best adapted for general use.

	Pkt.	Oz.	¼ lb.
America. Bright scarlet red flaked on white, of the Countess Spencer type.....	\$0.10	\$0.50	\$1.50
Apple Blossom Spencer. Rose standards, blush rose wings, beautifully waved.....	.10	.50	1.50
Asta Ohn. Lavender, tinted with mauve. Large and wavy wings.....	.10	.50	1.50
Barbara. The best salmon for exhibition purposes.....	.10	.50	1.50
Blanche Ferry Spencer. Rose standard with white wings.....	.10	.50	1.50
Blue Picotee. White ground, with a picotee edge of light blue.....	.10	.60	2.00
Captain of the Blues. Maroon purple, wings blue.....	.10	.50	1.50
Constance Hinton. Very large, black-seeded white.....	.10	.50	1.50
Countess Spencer. Soft rose pink; large, wavy petals.....	.10	.50	1.50
Dainty Spencer. White edged with rose.....	.10	.50	1.50
Dobbie's Cream. Beautifully frilled primrose.....	.10	.50	1.50
Edward Cowdy. The best orange scarlet.....	.10	.50	1.50
Elfrida Pearson. Blush pink deepening toward the edges.....	.10	.50	1.50
Fiery Cross. A fine red or scarlet, without any shading.....	.10	.75	2.00
Florence Nightingale. One of the largest lavenders.....	.10	.50	1.50
Flora Norton Spencer. Bright blue with a small tint of purple.....	.10	.50	1.50
Glitters. Bright fiery orange standard, deep orange wings; large flowers.....	.10	.75	2.50
Hercules. Rich clear rose-pink. Larger than Countess Spencer.....	.10	.50	1.50
Helen Lewis. A fine crimson-orange, wings orange-rose.....	.10	.50	1.50
Helen Pierce. White, mottled light blue.....	.10	.50	1.50
Illuminator. Brilliant salmon pink, very beautiful variety.....	.10	.50	1.50
Jean Ireland. Creamy buff, standards margined carmine-rose.....	.10	.50	1.50
King Edward Spencer. Bright crimson-scarlet.....	.10	.50	1.50
King White. A perfect white Spencer, immense petals; finely frilled.....	.10	.50	1.50
Lavender George Herbert. Bluish lavender. A grand flower.....	.10	.50	1.50
Lady Evelyn Eyre. Blush pink, white ground; very vigorous grower.....	.10	.50	1.50
Margaret Atlee. Salmon pink, suffused over a cream ground.....	.10	.50	1.50
Margaret Madison. Delicate azure blue, slightly shaded mauve.....	.10	.50	1.50
Marks Tey. Large maroon standard, bluish wings.....	.10	.50	1.50
Miriam Beaver. Beautiful shell salmon pink, cream ground.....	.10	.50	1.50
Mrs. J. Balmer. A beautiful creamy-apricot pink.....	.10	.50	1.50
Mrs. Cuthbertson. Standard rose-pink, wings nearly white.....	.10	.50	1.50
Mrs. Tom Jones. A bright Delphinium blue. The finest blue variety.....	.10	.60	1.75
Mrs. W. J. Unwin. Orange-scarlet, flaked on white; long stems.....	.10	.50	1.50
Nubian. Deep chocolate self; one of the best.....	.10	.60	1.75
Orchid. Rich deep lavender, slightly suffused pink on wings and standards.....	.10	.50	1.50
Othello. A rich deep maroon of true Spencer type.....	.10	.50	1.50
Primrose Spencer. Primrose or creamy yellow.....	.10	.50	1.50
Queen Alexandra Spencer. Crimson scarlet.....	.10	.50	1.50
Robert Sydenham. A bright orange-salmon self-colored; immense size.....	.10	.50	1.50
Royal Purple. A rich royal-purple.....	.10	.50	1.50
Scarlet Emperor. One of the largest and brightest scarlets.....	.10	.60	1.75
Sincerity. The finest scarlet cerise.....	.10	.50	1.50
Sterling Stent. Salmon-orange-pink. Beautifully waved.....	.10	.60	1.75
Wedgwood. Silvery blue; flowers well placed on long stems.....	.10	.75	2.00
White Spencer. A pure white with long, strong stems.....	.10	.50	1.50

MARSHALL'S MATCHLESS MIXED SPENCER HYBRIDS

A mixture of 75 varieties of Spencer's, the grower of which was awarded a Silver Gilt Medal of the National Sweet Pea Society of Great Britain. Pkt. 10c., oz. 35c., ¼ lb. \$1.00, lb. \$3.00.

COLLECTIONS OF SPENCER SWEET PEAS

12 varieties of Spencer Hybrids named for \$1.00, 18 varieties named for \$1.50, 24 varieties named for \$2.00.

CUPID, or DWARF SWEET PEAS

These grow about 9 inches high and are adapted for borders or beds.

Finest Mixed Colors. Pkt. 10c., oz. 30c., ¼ lb. \$1.00, lb. \$3.00.

"MULFORD CULTURES" FOR SWEET PEAS

Sweet Peas flower earlier, longer and better treated with **Mulford Cultures**.
Small Size, 35c.; garden size, 75c.

NITRAGIN

An improved culture for Sweet Peas. Garden size 20c., ¼ bus. size. 40c.



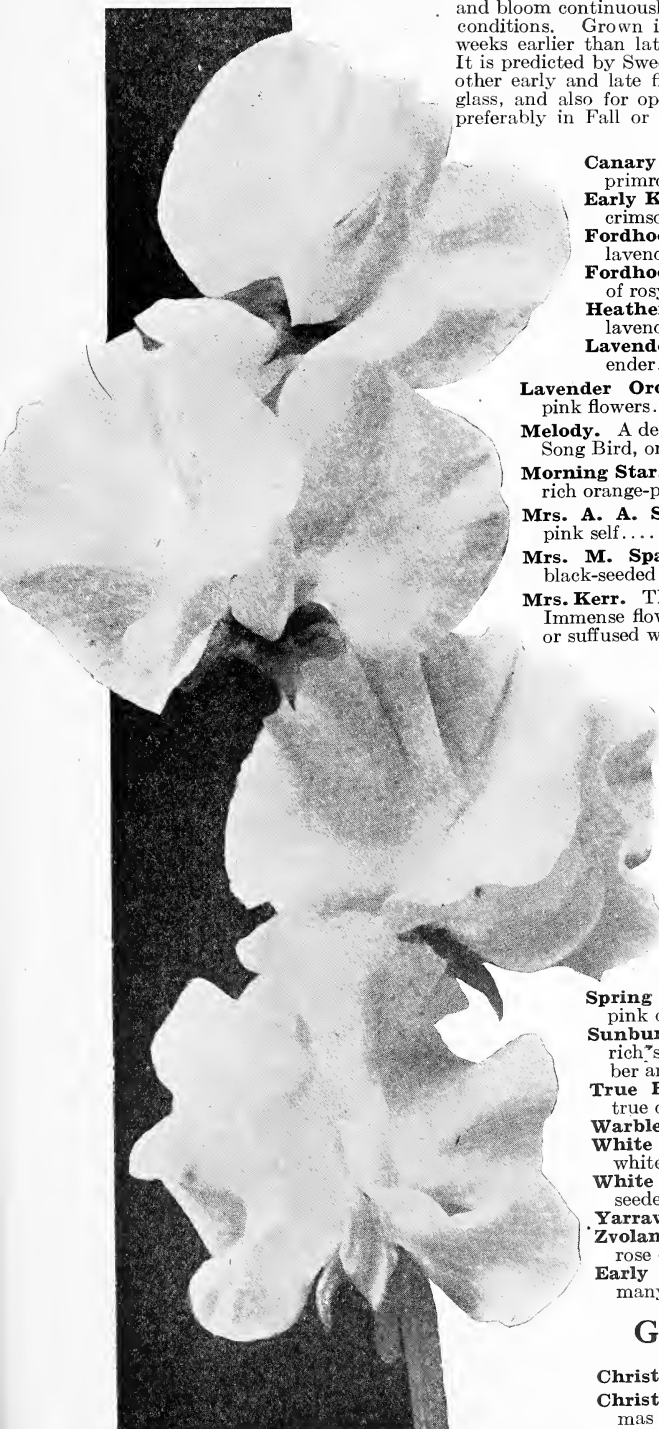
Early Flowering Spencer Sweet Peas

The plants of this race are of strong constitution, vigorous growth and bloom continuously for about four months if grown under congenial conditions. Grown in the open ground they begin flowering fully four weeks earlier than late flowering Sweet Peas sown at the same time. It is predicted by Sweet Pea authorities that this race will supplant all other early and late flowering Sweet Peas for Winter flowering under glass, and also for open ground culture in our Southern States—sown preferably in Fall or Winter.

	Pkt.	¼ oz.	Oz.
Canary Bird. A splendid cream or primrose colored self.....	\$0.15	\$0.35	\$1.00
Early King. A glowing, rich, bright crimson.....	.15	.35	1.00
Fordhook Pink. Pink, suffused with lavender.....	.15	.35	1.00
Fordhook Rose. A charming shade of rosy carmine.....	.15	.35	1.00
Heather Bell. A beautiful mauve-lavender.....	.15	.35	1.00
Lavender King. A true, deep lavender.....	.15	.35	1.00
Lavender Orchid. Very large lavender pink flowers.....	.15	.35	1.00
Melody. A deeper shade of pink than Early Song Bird, on white ground.....	.15	.35	1.00
Morning Star. A deep orange-scarlet, with rich orange-pink wings.....	.15	.35	1.00
Mrs. A. A. Skaach. A beautiful bright pink self.....	.15	.35	1.00
Mrs. M. Spanolin. The purest white; black-seeded.....	.15	.35	1.00
Mrs. Kerr. The best early flowering salmon. Immense flowers of a rich salmon overlaid or suffused with orange.....	.50	1.00	3.00
Mrs. Warren G. Harding. A deep shade of silvery blue, known as the "Harding Blue".....	.50	1.00	3.00
Pink and White Orchid. Extra large flowers on long stems.....	.15	.35	1.00
Red Orchid. Bright cherry red, very fine shape.....	.15	.35	1.00
Rose Queen. Beautiful rose-pink.....	.15	.35	1.00
Snowflake. The best early flowering white-seeded Spencer.....	.15	.35	1.00
Snowstorm. Pure white.....	.15	.35	1.00
Song Bird. A beautiful soft shade of pink, very large flowers.....	.15	.35	1.00
Spring Maid. The color is a light pink on a cream ground.....	.15	.35	1.00
Sunburst. An attractive shade of rich salmon-pink, overlaid with amber and salmon.....	.25	.75	2.00
True Blue. A charming shade of true or light violet blue.....	.25	.75	2.00
Warbler. Rich mauve purple.....	.15	.35	1.50
White Orchid. One of the best whites. White-seeded.....	.15	.35	1.00
White Star. A first-class black-seeded white.....	.25	1.00	3.00
Yarrowa. The finest pink forcer.....	.15	.35	1.00
Zvolanek's Rose. A beautiful self rose color. Free bloomer.....	.25	.65	2.00
Early Flowering Mixed. Contains many colors.....	.15	.35	1.00

Grandiflora Winter Varieties

	Pkt.	Oz.
Christmas Pink. Pink and white.....	\$0.10	\$0.30
Christmas White. A companion to Christmas Pink.....	.10	.30





SUMMER-FLOWERING BULBS

ACHIMENES

Profuse blooming tender perennials for greenhouse or conservatory decoration during Summer.

Galathea, Imp. Deep blue.

Dainty Queen. White with lavender eye.

Magnifica. Deep blue, light center.

Swansona. Light blue, mottled dark.

Bulbs of any of the above varieties, doz. \$3.00, 100 \$30.00.

AGAPANTHUS

umbellatus (Blue Lily of the Nile). A most desirable plant for outdoor decoration; planted in large pots or tubs on the lawn or piazza. Pot-grown plants. Each 50c., doz. \$5.00.

umbellatus albus. White. Each 50c., doz. \$5.00.

AMARYLLIS

They should be grown in rich, sandy loam, with good drainage, and require abundant moisture when growing; but at their season of rest water should be given sparingly.

Hippeastrum, Veitch's and Ker's New Hybrids. The finest race of Amaryllis in cultivation. Each \$1.50, doz. \$15.00.

Johnsonii. Crimson, striped with white. Extra large bulbs. Each \$1.00, doz. \$10.00.

BEGONIAS

Splendid pot plants for the house or greenhouse, and especially valuable for bedding, flowering in the greatest profusion throughout the Summer. For bedding they should be started in hotbed in March and April.

SINGLE TUBEROUS-ROOTED

	Each	Doz.	100
Crimson	\$0.25	\$2.50	\$18.00
Pink.....	.25	2.50	18.00
Dark Red.....	.25	2.50	18.00
Salmon Pink.....	.25	2.50	18.00
White.....	.25	2.50	18.00
Yellow.....	.25	2.50	18.00
Mixed.....	.25	2.50	18.00

DOUBLE TUBEROUS-ROOTED

	Each	Doz.	100
Crimson	\$0.30	\$3.00	\$20.00
Pink.....	.30	3.00	20.00
Salmon Pink.....	.30	3.00	20.00
Scarlet.....	.30	3.00	20.00
White.....	.30	3.00	20.00
Yellow.....	.30	3.00	20.00

CALADIUM ESCULENTUM (Elephant's Ear)

Grand tropical plant. A favorite for specimens on the lawn. Height 3 to 4 ft.

	Each	Doz.	100
First Size Bulbs, 5 to 7 in. in circumference	\$0.10	\$1.00	\$7.00
Large Bulbs, 7 to 9 in. in circumference.....	.15	1.50	10.00

FANCY-LEAVED CALADIUMS

Beautiful variegated leaved plants adapted for pot culture or bedding if given sheltered positions.

	Each	Doz.	100
Fancy-Leaved Named Varieties. Standard sorts.....	\$0.35	\$3.50	\$25.00
Fancy-Leaved Mixed Varieties.....	.30	3.00	20.00

CALLAS (Richardia)

Elliottiana. Flowers are large, rich, dark golden yellow, often 4 to 5 inches across the mouth. Leaves are beautifully spotted with white.....	.50	5.00	35.00
Godfrey Everblooming. The finest white variety; blooms from very small plants continuously. Pot-grown plants.....	.25	2.50	20.00
Mrs. Roosevelt. White flowers tinged with yellow, leaves spotted.....	.30	3.00	20.00

CANNAS

Cannas should not be planted until the warm weather sets in, or about May 15th. If planted too early the bulbs are apt to rot.

The following are a selection of the largest flowering varieties which we can recommend for bedding or borders. We shall be pleased to supply other varieties not named at catalogue prices.

	Doz.	100
American Red Cross. A glowing cardinal scarlet. Large deep green leaves. 3½ ft.....	\$1.50	\$10.00
Buttercup. Bright buttercup yellow. Green leaved.....	1.00	7.00
City of Portland. A beautiful pink bedding variety. Green foliage. 3 ft.....	2.00	15.00
Eureka. A very free blooming creamy white with green foliage.....	1.75	12.00
Firebird. A clear, glistening scarlet flower, with green leaved foliage. 3½ ft.....	1.75	12.00
Gladio-Flora. Crimson, changing to carmine rose, edged gold. 4 ft.....	1.00	7.00
Hungaria. The ideal pink bedder; large trusses of flowers. 3 ft.....	1.50	10.00
King Humbert. Bronze foliage, with orange-scarlet flowers. 4 ft.....	1.50	10.00
Maros. Very free flowering, creamy white; one of the best.....	1.50	10.00
Meteor. The best brilliant crimson; a vigorous, healthy grower. 5 ft.....	1.25	8.00
Mrs. Alf. Conard. Exquisite salmon pink; very free flowering. 4 ft.....	2.00	15.00
Panama. An attractive rich orange red, with edge of golden yellow. 3 ft.....	1.00	7.00
Wintzer's Colossal. The largest Canna. Vivid scarlet flowers. 5 ft.....	1.75	12.00
Yellow King Humbert. A beautiful yellow, lightly spotted, red, with green foliage; 5 ft.....	1.25	8.00



CINNAMON VINE

DIOSCOREA Batatas. A rapid climber. Each Doz. 100 growing Summer climber, with bright green, glossy foliage and spikes of cinnamon-scented white flowers.....\$0.10 \$1.00 \$7.50

HYACINTHUS CANDICANS (Cape Hyacinth)

A snow white, Summer flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from twenty to thirty pure white, bell-shaped flowers. Each 15c., doz. \$1.25, 100 \$8.00.

ISMENE (Calathina Grandiflora)

The flowers are very large, like an Amaryllis, novel in form and snow white in color. Each 15c., doz. \$1.50, 100 \$10.00.

LILIES

When grown in the border or open ground they should remain undisturbed for years, frequent removals being injurious. In the Autumn give the bulbs a heavy mulching of leaves; coarse manure or boughs will prove highly beneficial. Plant all Lilies at least 6 inches deep, as early as possible in the Spring.

auratum (Golden Banded Lily). The grandest of all hardy Lilies.

	Each	Doz.	100
Extra large bulbs, 9 to 11 in.....	\$0.55	\$5.50	\$40.00
Mammoth bulbs, 11 to 13 in.....	.70	7.00	50.00
Monster bulbs, 13 to 15 in.....	1.20	12.00	90.00

auratum platyphyllum. Enormous flowers, white, richly spotted yellow. Extra large bulbs.....1.25 12.00 90.00

auratum rubro vitattum. Pure white with pink spots and a broad stripe of deep pink. Large bulbs......90 9.00 65.00

Batemanii. Reddish-orange flowers......35 3.50 25.00

canadense. Lovely, nodding blossoms; bell-shaped; yellow, spotted black......20 2.00 12.00

canadense flavum. Yellow flowers......30 3.00 20.00

canadense rubrum. A fine red Lily......30 3.00 20.00

davuricum. Upright, scarlet flowers, dotted black; 2 to 3 ft. high......15 1.50 11.00

elegans, Mixed. Fine mixed varieties......15 1.50 11.00

Hansonii. Flowers reddish orange......65 6.50 50.00

Henryi (The Yellow Speciosum). Bright orange yellow. Selected bulbs......75 8.50 60.00

maryophyllum. Flowers white, slightly suffused pink, with yellow center.....1.00 10.00 70.00

pardalinum (Leopard Lily). Rich scarlet and yellow flower, spotted with rich brown......25 2.50 15.00

speciosum album. Beautiful pure white flowers of large size.

Extra large bulbs, 9 to 10 in.....	.55	5.50	40.00
Mammoth bulbs, 10 to 11 in.....	.65	6.50	50.00

speciosum rubrum, magnificum or **melpomene.** White, shaded rose and spotted deep red.

Extra large bulbs, 9 to 11 in.....	.45	4.50	35.00
Mammoth bulbs, 11 to 13 in.....	.60	6.00	45.00
Monster bulbs, 13 to 15 in.....	1.00	11.00	80.00

superbum. Flowers bright orange red, thickly spotted with purple......20 1.75 12.00

tigrinum flore plena (Double Tiger Lily)......30 3.00 20.00

tigrinum splendens (Single Tiger Lily)......30 3.00 20.00

MONTBRETIAS

Hardy Summer flowering bulbous plants. They should be planted in groups and left undisturbed.

aurantiaca. Large golden yellow. Doz. \$1.50, 100 \$10.00.

Fire King. Bright scarlet, large flower. Doz. \$1.50, 100 \$10.00.

MADEIRA, or MIGNONETTE VINE

A beautiful climbing vine of rapid growth. Large tubers. Each 10c., doz. \$1.00, 100 \$7.00.

OXALIS

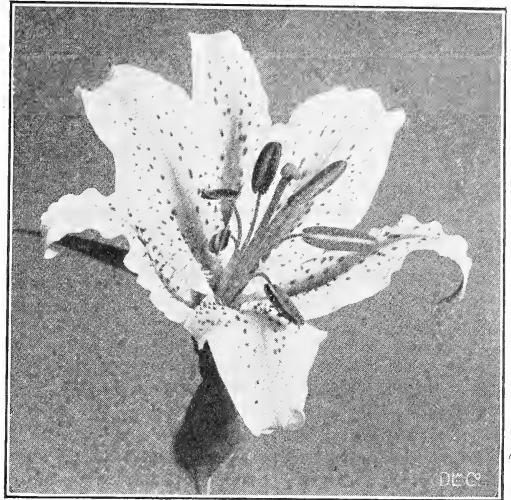
Summer flowering, for beds or borders. Mammoth bulbs. Doz. 30c., 100 \$2.00.

Deippei. Pure white.

lasiandra. Rosy pink, cut foliage.

Shamrock. Clover like foliage; pink flowers.

Mixed Colors. Several varieties.



Lilium auratum

PANCRATIUM CALATHINUM (Spider Lily)

Sweet scented white flowers in large clusters for greenhouse or outdoors. Not hardy. Each 25c., doz. \$2.50.

TUBEROSES

One of the most fragrant and popular of the Summer flowering bulbs. May be started in hotbeds or pots, or planted in open ground after first day of May.

Excelsior Double Pearl. Extra Each Doz. 100 fine bulbs.....\$0.10 \$1.00 \$6.00

Armstrong's. The single ever-blooming Tuberose......10 1.00 6.00

ZEPHYRANTHES (Zephyr Flower)

	Doz.	100
candida. Pure white, free flowering....	\$1.00	\$6.00

rosea. Beautiful clear rose, very large flowers......2.00 15.00

striata. Fine flower, pink and white.... 1.00 6.00

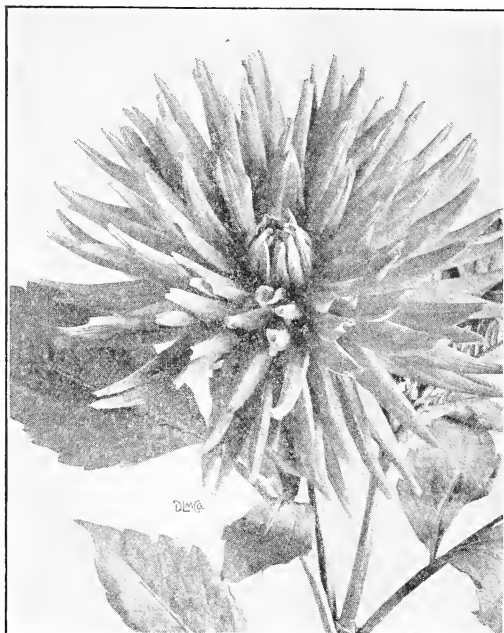
DAHLIAS

The renewed popularity of the Dahlia in recent years has brought out many new sorts, and any one wishing to get the **cream** will find most of them in our collection, which can be recommended either for growing in compenit, market purposes, or private collections, and embrace all classifications.

CACTUS AND HYBRID CACTUS DAHLIAS

The following varieties comprise the cream of the novelties which have proved to be of extra merit.

	Each
Attraction. H. C. Clear lilac rose, strong stems.	\$1.00
Bianca. H. C. Fine shade of lavender pink, long stems.	1.00
Ballet Girl. Orange, with white edge and variations.	3.00
Crystal. Silvery pink, white center, twisted petals, good stems.	.75
Countess of Lonsdale. Deep salmon red.	.50
Conquest. Deep crimson maroon, large flower with twisted petals.	1.00
Diana. Giant crimson, shaded violet.	.50
Edith Carter. Yellow, heavily tipped with carmine. Fine for cutting.	1.00
E. F. Hawes. Clear pink, free flowering.	1.00
Evigüe. Bright purplish.	.50
Etendard de Lyon. H. C. Rosy-magenta.	.75
F. W. Fellows. Orange with terra cotta shadings.	1.00
Garibaldi. Brilliant rich scarlet.	1.00
Geo. Walters. H. C. Rich salmon pink, shaded gold to center, fine for every purpose.	1.00
General Rosalie Jones. H. C. Pure yellow.	1.50
Gee Whiz. Soft buff, shaded with salmon.	5.00
Gladys Bates. Incurved petals of tan, with reverse of rose.	3.00
Gladys Sherwood. H. C. Giant white, fine stems.	3.50
Golden Gate. H. C. Clear golden yellow, with russet tinge. Large flowers.	.50
Golden West. H. C. Fine old gold color, excellent.	1.00
Homer. Crimson-maroon.	1.00
Irene Satis. Amber buff, shading to bronze.	1.00
J. H. Jackson. Velvety black maroon.	.50
Jersey's Pride. Fine blending of yellow, amber and pink; fine stems.	10.00
Kalif. Pure deep scarlet, perfect flower.	.75
La Favorite. Beautiful shade of orange.	1.00
Lady Helen. Deep pink, tinted creamy white.	3.00
Los Angeles. Clear canary-yellow.	2.00
Johannesburg. Beautiful deep yellow with golden sheen; fine for every purpose.	.50
John Riding. Deep rich crimson; very fine.	1.00
Matador. H. C. Pink, suffused with rosy lake.	.50
Margaret Bouchon. Fine pink with white center; fine for cutting.	.75
Melody. Clear yellow, tipped white, narrow petals.	.50
Mrs. H. J. Jones. Variegated crimson and white.	.50
Mrs. H. Lohrman. H. C. Pure golden yellow.	1.50
Mrs. T. A. Monroe. Amber and gold shadings.	1.50
Mrs. Warnaar. Creamy white, tinted lavender pink, enormous flowers.	1.00
Nerthus. Bronzy orange yellow, shading to carmine rose tips.	.50
Niebelungenhort. Salmon rose, with golden suffusion, large flowers.	1.00
Perriott. Deep amber, shading to salmon center, white tips. Beautiful exhibition flower.	.75
Prima Donna. Creamy white, petals tipped mauve pink.	1.00
Red Cross. Yellow, with salmon-red shadings.	1.50
Rheinischer Frohsin. H. C. Creamy white with carmine rose tips.	1.00
Ruth Gleadell. H. C. Fine yellow, pink suffusion on outer petals.	1.00
The Grizzley. Dark velvety maroon.	2.50
Tom Lundy. H. C. Rich velvety red; fine for cutting.	.75
Valliant. Brilliant crimson.	1.00
Wodan. H. C. Delicate salmon-rose.	.75
Yellow King. H. C. Sulphur yellow, shading to cream at tips.	.75



Cactus Dahlia

COLLERETTE DAHLIAS

The flowers are single, with a smaller row of collar petals around the center.

	Each
Achievement. Deep maroon, white collar.	\$0.50
Ami Nonin. Old rose red and white collar.	.50
Cream Cup. Creamy white, white collar.	1.00
Frogmore. Cardinal scarlet, yellow collar.	.50
Geant de Lyon. Velvety maroon, cream collar.	.50
San Mateo Star. The largest collerette. Clear cerise, petals edged white, white collar.	1.00
Souv. de Chabanne. Yellow suffused scarlet, with yellow collar.	1.00

CHOICE SINGLE DAHLIAS

These have become very popular for cutting purposes. We list a few of the best varieties.

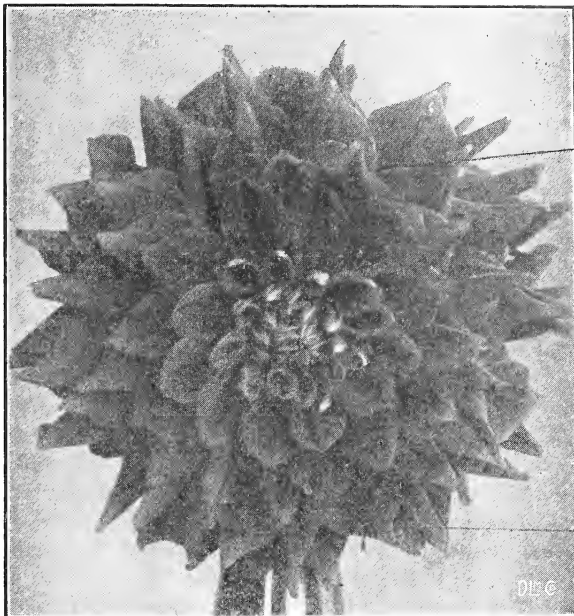
	Each
Blanche. A pale yellow at the base, faintly tipped pink, with a cast of white over the whole flower.	\$0.50
Edna Sharpe. Salmon-bronze.	1.00
Jack. Flame color.	.50
Miss Emma. Red and orange.	.75
Mrs. O. P. Chapman. Scarlet.	1.00
Newport Angel. White.	1.00
Newport Gem. Magenta rose.	1.00
Newport Jewel. Scarlet.	1.00
Newport Triumph. Bronze.	1.00
Newport Wonder. Salmon buff.	2.50
Newport Beauty. Pink.	.75
Sadie. Beautiful pink striped maroon.	.50
Sensation. Red, blotched pure white.	.50
Sachem. A beautiful orange-scarlet.	.50
Surprise. Brilliant carmine with lemon-chrome ring in center. Striped and splashed deep blood-red.	.50
Tango Century. Bronze.	1.00
The Bride. White.	1.00
Twentieth Century. White and rose pink.	.50



SUPERB DECORATIVE DAHLIAS

The Decorative Dahlias have very large flowers with broad petals; they all flower freely on long, strong stems. Our list of varieties are selected from the varieties best adapted for exhibition and cutting.

	Each
Agnes Haviland. Rose-pink, slightly suffused yellow, long stems.....	\$3.00
Azalea. Soft creamy yellow, outer petals suffused pink.....	1.50
Bessie Boston. Very fine red, fluted petals	1.00
Break o' Day. Clear sulphur yellow, shading to white at the tips.....	1.00
Carmencita. Yellow, striped red; dwarf habit.....	2.00
Cambria. Rich rose pink, shading to white in center; very large.....	3.00
Catherine Wilcox. A beautiful variegated pink and white, dependable variety in every way. Tubers, \$6.00; plants...	4.00
Comstock. An immense yellow.....	2.00
Copper. Copper shades tinted bronze and apricot.....	.50
Dakota. Flame color, very fine flower...	4.00
Delice. Beautiful pink, medium size.....	.50
De Palma. Beautiful watermelon pink...	.50
Dream. Exquisite shade of peach pink, with amber glow.....	1.00
Dr. Tevis. Very large old rose suffused with gold, shaded amber.....	.75
Earl Williams. A brilliant crimson and white.....	7.50
E. T. Bedford. Purple with silver reverse.	5.00
Faust. Deep morocco red, reverse of petals rosy-carmine.....	1.00
Fireburst. Orange scarlet. Very large...	.75
Frau F. G. Schiff. Apricot, orange and yellow, with reverse petals of coral-red...	.50
Futurity. Beautiful combination of shrimp pink and old rose.....	2.00
Glory of New Haven. Clear lavender pink.....	2.00
Hortulanus Fiet. Beautiful shrimp pink, salmon and gold suffusion.....	1.00
Jane Selby. Delicate mauve pink.....	1.00
Joffre. Delicate pink, shading to white.....	1.00
John Lewis Childs. Yellow, suffused, striped, and splashed with scarlet, tipped white.....	3.50
Judge Marean. Orange with salmon pink suffusion, tinted yellow.....	5.00
King Albert. Rich purple, broad twisted petals	1.50
King of the Autumn. Buff yellow, suffused with terra cotta, erect, stout stems.....	.75
Insulinde. Beautiful golden orange; large, broad, waxy petals, magnificent variety.....	2.00
Laddie. Yellow, shading to pink.....	5.00
Lady Betty. Creamy white, points of petals tipped pink.....	5.00
La Grosse Bete. Enormous dark cerise blooms	5.00
Le Grand Manitou. White, striped and mottled purple.....	.50
Madonna. Pearly white, flesh tint.....	.50
Mary C. Burns. Old gold, with dull red reverse of petals.....	2.50
Maryan. An immense bloom of deep apricot...	3.00
Mephistopheles. Vivid scarlet on stout stems...	5.00
Millionaire. Dainty lavender with pink sheen, shading to white in center.....	1.50
Mina Burtle. Glowing deep scarlet.....	.50



Decorative Dahlia

Mrs. C. H. Breck. Soft yellow, deeply suffused with carmine.....	Each \$0.50
Mrs. E. C. Boston. A very fine white.....	1.50
Mrs. F. C. Burns. Shell pink, very striking...	1.00
Mrs. J. I. Van de Warner. Mauve pink.....	7.50
Mrs. J. H. Slocombe. Soft shade of coral red...	1.50
Mrs. John I. Scheepers. Clear canary yellow with pink suffusion.....	10.00
Oneonta. Rosy pink, large, close built flower...	2.00
Polaris. The best pure white. Immense size...	2.00
President Wilson. Garnet, with white tips...	2.50
Pride of California. A perfect red.....	1.00
Princess Pat. Large, old rose flower.....	2.00
Purity. Pure white, free blooming.....	1.00
Rosa Nell. American Beauty Rose color.....	5.00
Scarlet Bedder. The finest dwarf bedding variety, bright scarlet, stiff, upright habit, fine for pot work.....	5.00
Shadow's Lavender. Lavender mauve.....	7.50
Snowdrift. A giant white.....	2.50
Stunner. Very large canary yellow.....	1.00
Souv. de Gustave Douzan. Fine brick red...	.50
Venus. White with pink and cream suffusion...	4.00
Washington City. Giant, pure white, star-like flower.....	1.50
Wm. Slocombe. Bright yellow, very fine.....	2.00
Wizard of Oz. Very large, amber-pink.....	15.00
Yellow Prince. A free blooming, pure yellow...	2.00

POMPON DAHLIAS

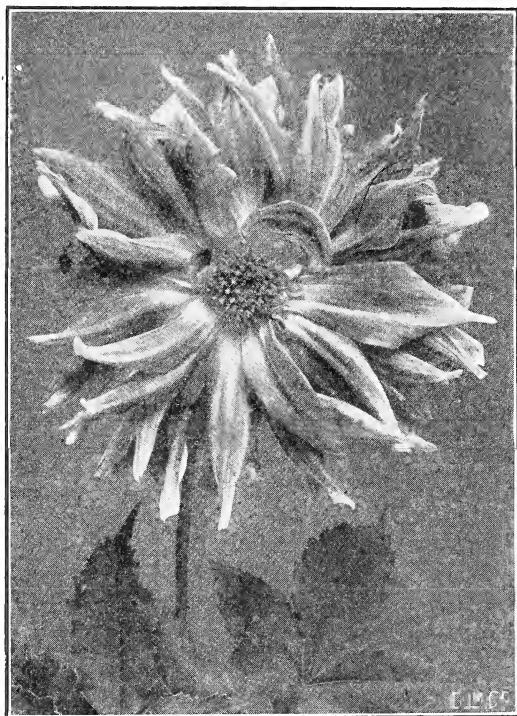
This class produces small, very double quilled flowers, which are ideal for bouquet work.

	Each	Each
Amber Queen. Amber buff, shaded apricot.....	\$0.35	\$0.50
Bobbie. An attractive shade of plum color.....	.50	.50
Brunette. Crimson and white.....	.35	.50
Belle of Springfield. Bright brick red.....	.35	.50
Daisy. Salmon color.....	.35	.50
Darkest of All. Dark maroon, nearly black...	.35	.50
Douglas Tucker. Yellow with crimson center...	.50	.50
Fashion. Orange buff.....	.35	.50
Fascination. Lavender pink.....	.35	.50
Girlie. Beautiful lilac.....	.50	.50
Golden Beauty. Best bright yellow.....	.50	.50
Guiding Star. Pure white.....	\$0.50	\$0.50
Highland Mary. Fine pink shading to white...	.50	.50
Little Beauty. Light pink.....	.50	.50
Little Dear. Old rose and salmon.....	.50	.50
Nerissa. Soft pink, tinted silver.....	.50	.50
Pride. Crimson scarlet.....	.50	.50
Sammy. Old gold.....	.50	.50
Snowclad. Pure white, very dainty flower.....	.35	.50
Sunset. Orange.....	.50	.50
San Toy. White tipped carmine.....	.50	.50
Wee Gracie. White with a faint lavender tip...	.50	.50

PAEONY-FLOWERED DAHLIAS

The flowers of this type are very large, averaging 8 inches across when well grown. The petals are broad and ribbon-like, the center shows, adding an artistic charm, closely resembling the semi-double Pæonies in appearance.

	Each
Bertha von Suttner. Blush rose with salmon tints.....	\$0.50
Black Beauty. Immense dark maroon.....	.50
City of Portland. Rich deep yellow.....	3.00
Cream King. Soft shade of cream.....	.50
California. Deep yellow.....	.50
Edith Cavell. Orange, suffused and shaded old gold. Large flowers.....	2.50
Duchess of Brunswick. Apricot shaded orange.....	.75
Dr. Peary. Mahogany-red.....	.75
Edith Wooster. Yellow with sunset red suffusion. An unusual color.....	3.00
Elsa. Very large, pure white.....	1.00
Gorgeous. Yellow shading to bright scarlet.....	5.00
Geisha. Red and gold in fine combination.....	1.00
Hal Curtis. Old rose and salmon.....	1.00
James Robertson. Salmon buff with apricot shadings.....	2.00
Jane Rhodes Cartledge. Light yellow.....	2.00
Jessie Williams. Soft dove color, suffused with lilac rose.....	1.00
Latona. Straw yellow, shading to buff.....	.50
Leo XIII. Clear bright yellow, strong stems.....	.50
Meyerbeer. Crimson with purple shadings.....	1.00
My Lady. Tomato red with cerise and gold shadings; fine for cutting.....	2.00
Mrs. Jessie Seal. A beautiful salmon pink.....	1.00
Mrs. W. C. Noonan. Very fine pink.....	2.00
Pacific Glow. Fine pink, long twisted florets.....	1.50
Peggy Noonan. Autumn buff pink.....	5.00
Peg O'Me Heart. Old rose with slight shading of golden yellow.....	5.00
Queen of Autumn. Buff color.....	1.00
Queen Wilhelmina. Pure white.....	.50
Salvator. Deep rose pink, long stems.....	.50
Sunbeam. Creamy yellow; handsome flowers.....	1.00
U. S. A. Vivid orange, very fine.....	5.00
Weber. Fine pink with lavender tint.....	1.00

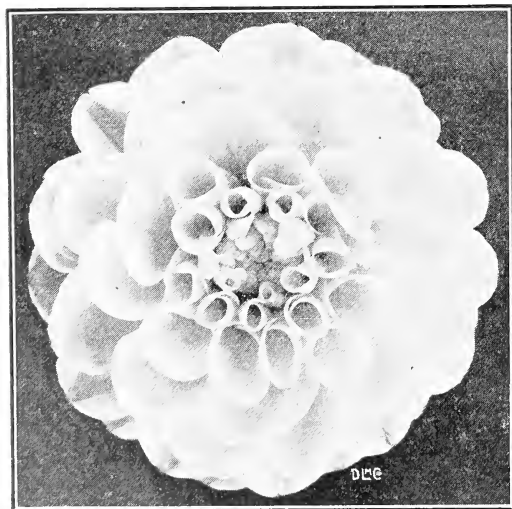


Dahlia Geisha

CHOICE SHOW DAHLIAS

The Show Dahlias are closely quilled, ball-shaped flowers, full to the center, showing regular arrangements of florets.

The following are a selection of the best varieties for cut flowers.



Show Dahlia

	Each
A. D. Livoni. Pure pink.....	\$0.50
American Beauty. Crimson purple.....	.50
Black Beauty. Purple maroon.....	.50
Camelliaflora. Pure white.....	.50
Clara Seaton. Golden bronze; very large.....	.50
Cuban Giant. Black velvety crimson.....	.50
David Warfield. Beautiful deep cherry red.....	.50
Dreer's White. Pure glistening white.....	.50
Dreer's Yellow. Pure yellow.....	.50
Elsie Burgess. White with lavender tips.....	.50
Ethel Maule. Pure glistening white.....	.50
Frank Smith. Maroon, white tips.....	.50
General Miles. Variegated purple and white.....	1.00
Gold Medal. Canary yellow and red.....	.50
Grand Duchess Marie. Rich buff, overlaid orange. Fine bloomer.....	.50
Grand Duke Alexis. Pearly white, lavender tips.....	.50
Maude Adams. White, overlaid pink.....	.50
Mrs. Roosevelt. White and silvery rose.....	.50
Rose. Rose color, very fine for every purpose.....	.50
Stradella. Dark purplish crimson.....	.50
Vivian. White, edged rose pink.....	.50
W. W. Rawson. White, with lavender blush.....	.50
Yuban. Yellow and gold, large flower.....	.50



GLADIOLUS

KUNDERDI RUFFLED VARIETIES

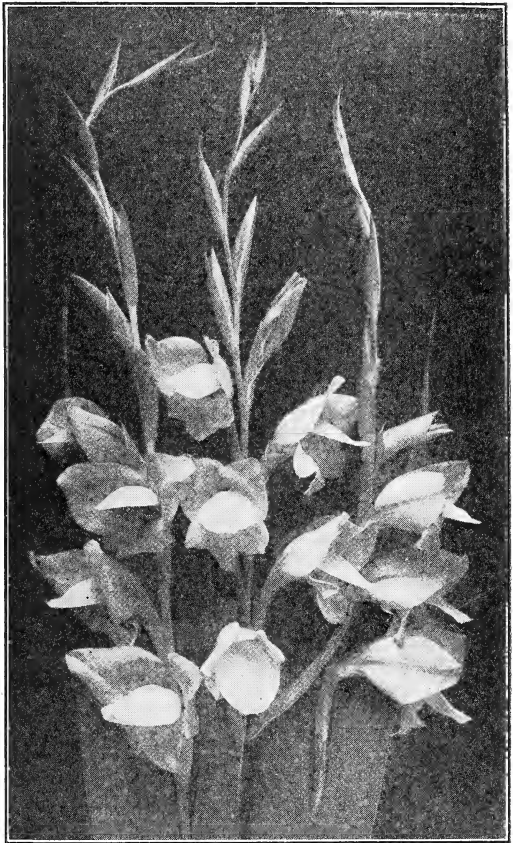
The following include some of the best varieties introduced by A. E. Kunderd in the ruffled petal type. The flowers and spikes are unusually large, and are extensively grown for exhibition purposes.

	Each	Doz.	100
Crinkles. Deep peach blossom pink; intensely ruffled.....	\$1.00	\$10.00	
Dream. Large, massive bloom, deep, salmon red; large, very showy blotches.....	.60	6.00	\$40.00
E. J. Shaylor. A beautiful, pure, deep rose pink; tall, strong plant and large flowers.....	.40	4.00	30.00
Joe Coleman. Very large and vigorous rich red; ruffled.....	.40	4.00	30.00
June Delight. Rich deep geranium red; deeper throat.....	.40	4.00	30.00
Mona Lisa. Palest soft rose pink or blushed white. A magnificent, almost pure self color..	.60	6.00	40.00
Orange Glory. Grand orange colored with beautiful lighter throat; ruffled.....	.60	4.00	30.00
White Delight. Softest flesh white, beautifully blotched and creamy throat.....	.25	2.50	25.00
White Glory. A gorgeous, pure white, with beautiful Iris-blue throat; ruffled.....	.50	5.00	35.00
Youell's Favorite. Striking rosy lavender pink; large and beautiful, ruffled flower.....	.30	3.00	20.00

NEW PRIMULINUS GLADIOLUS

This new race of Gladiolus have come to be extremely popular; they are easy to grow, beautiful for decorations the colors are very artistic and embrace shades of yellow, pink and scarlet.

	Each	Doz.	100
Albion. Delicate satiny pink...\$0.20	\$0.20	\$2.00	\$15.00
Alice Tiplady. A grand, large, beautiful orange-saffron color..	.25	2.50	16.00
Capella. Tall, very bright, fiery, orange-red, choice flowers, very early.....	.20	2.00	14.00
Canopus. Large, rich, solid yellow, fine shade of deeper yellow throat.....	.20	2.00	14.00
Dorothy Wheeler. Flowers richest rose pink with lighter throat. Very large and massive.....	.25	2.50	16.00
Elberton. Tall, fine creamy yellow, lower petals much deeper..	.20	2.00	14.00
Minataka. Upper petals soft pink, lower petals soft creamy yellow with red stripes.....	.20	2.00	15.00
Orange Brilliant. Brilliant orange.....	.20	2.00	15.00
Perseus. Tall bright orange....	.20	2.00	15.00
Primulinus. Small primrose yellow flowers. Fine for perennial borders.....	.10	1.00	7.00
Regulus. Large flowered, richest orange salmon and delicate yellow.....	.20	2.00	14.00
Salmon Beauty. Deep salmon with rich salmon-yellow throat..	.25	2.50	16.00
Sirius. Large, dark salmon, rich throat, beautifully ruffled.....	.20	2.00	14.00
Vesuvius. One of the best deep pink varieties.....	.20	2.00	14.00



Gladiolus Primulinus

PRIMULINUS HYBRIDS

A very select mixture from the newest hybrids; the most beautiful and delicate tints are found among them and no race of Gladioli contains such harmonious blendings of color.

	Doz.	100	1000
Selected Mixed Hybrids.	\$0.60	\$4.50	\$40.00

GLADIOLUS IN MIXTURE

Our mixtures are made up from fine varieties and are all selected first size bulbs.

	Doz.	100	1000
Marshall's Matchless Hybrids. This is our general mixture and is composed of fine sorts in all colors, in extra large size bulbs only.....	\$0.60	\$4.00	\$35.00
Pink and Rose Shades in Mixture. .....	.60	4.50	40.00

GLADIOLUS

There are no other Summer flowering bulbs so satisfactory, needing so little attention and thriving so well in almost any ordinary soil as the Gladiolus. Set the bulbs from 3 to 6 inches apart in rows, or for massing 6 inches apart, and about 4 inches deep.

Our selection of varieties has been made from many and includes all those of exceptional merit and a wide range of colors.

NAMED HYBRID GLADIOLUS

BLUE AND PURPLE SHADES

	Each	Doz.	100
Badenia. A distinct lilac, quite different from other varieties.....	\$1.00	\$10.00	.....
Baron Hulot. A fine violet blue; sometimes called Blue Jay.....	.15	1.50	\$10.00
Blue Jay (True). Bright light blue, with white shadings.....	.40	4.00	30.00
Catherina. Grayish light blue, lower petals a little deeper blue with red spot.....	.75	6.00	45.00
Empress of India. Rich dark maroon, almost black, a rare color.....	.15	1.50	10.00
Herada. Pure mauve with deeper markings on throat; large flowers.....	.40	4.00	30.00
Mary Fennel. A beautiful deep lavender, lower petals penciled primrose yellow on pale lavender ground.....	.30	3.00	20.00
Mr. Mark. Light blue with darker throat; robust grower.....	.30	3.00	20.00
Muriel. Light blue with a little darker spot on lower petals.....	.75	7.00	40.00
Viola. Mauve blue, gradually shading to rich violet, throat toned soft canary with purple blotch in lower petals.....	.40	4.00	30.00

PINK SHADES

America. Large flower, beautiful flesh pink, beautiful for cutting; extra large bulbs.....	.10	.70	4.50
Arizona Rose. A charming shade of light old rose. Almost a self color.....	.20	2.00	15.00
Cynosure. Deep rose pink, with a throat blotch of crimson lake.....	.20	2.00	15.00
Dawn (Gross). A beautiful coral pink, long, graceful spike of magnificent flowers.....	.70	7.00	50.00
Evelyn Kirtland. Rose-pink, darker at the edges and fading to shell-pink in center.....	.30	3.00	20.00
Grethen Zang. Pink, blending into scarlet on lower petals.....	.25	2.25	16.00
Halley. A very attractive delicate salmon pink. Early flowering.....	.10	.80	6.00
Ida Van. A beautiful deep salmon-red, or flaming orange-pink. Very rich and brilliant color.....	.10	1.00	7.00
La Couronne. Very large flowers, creamy white with throat blotched with dark maroon, bordered with pale yellow.....	.60	5.50	40.00
Loveliness. A beautiful cream colored variety.....	.20	1.75	12.00
Le Marechal Foch. Pure pink of immense size; very early.....	.30	3.00	20.00
Mrs. Dr. Norton. Pale pink, with primrose center, yellow blotch on lower petals.....	.60	6.00	40.00
Mrs. Frank Pendleton. The flowers are very large, of lovely flushed salmon pink, with brilliant carmine blotches in the throat.....	.15	1.25	9.00
Panama. Large, wax-like flower, clear pink, large spike.....	.15	1.25	8.00
Pink Beauty. A very early flowering variety. Color bright rose pink, with a darker blotch. A good forcer.....	.15	1.50	10.00
Pink Perfection. Bright pink. Very large and beautiful flower.....	.20	1.50	10.00
Pink Progression. Very early, almost white, with crimson blotch.....	.20	1.75	12.00
Salmonia. Good spike of flowers of various shades of salmon pink.....	.50	5.00	40.00
Summer Beauty. No finer pink. Very choice deep salmon, distinct shade. Tall and showy.....	.30	3.00	20.00
Wilbrink. Flesh pink, creamy blotch on lower petals; very early.....	.20	1.75	12.00
Willy Wigman. A beautiful blush white with dark blotch.....	.10	1.00	7.00
Wm. Falconer. Clear, light pink; enormous flowers.....	.20	2.00	15.00

RED AND SCARLET SHADES

Attraction. Deep dark, rich crimson, white throat.....	.10	1.00	6.00
Fire King. Long, graceful spikes of intense fire scarlet flowers.....	.10	1.00	6.00
Mrs. Francis King. Light scarlet of pleasing shade; long spikes, one of the best.....	.10	.75	5.00
Princes. Rich crimson with very deep shadings in throat.....	.15	1.50	10.00
Red Emperor. A very large deep scarlet of immense size.....	.30	3.00	20.00

WHITE SHADES

Glory of Holland. White with slight tinting of pale pink.....	.20	1.75	12.00
L'Immaculee. A beautiful pure white, very tall grower.....	.20	2.00	15.00
Peace. The flowers are large, of perfect form, white with a pale lilac feathering on the interior petals.....	.10	1.25	8.00
Snow King. A white variety, similar in habit to Augusta, but remains white.....	.10	.75	5.00
White America. Similar to America in form and substance. Clear white with a slight mark of blue in the throat.....	.15	1.50	10.00

YELLOW SHADES

Canary Bird. Fine yellow; extra good.....	.20	1.75	12.00
Golden King. A brilliant golden yellow, with crimson blotch in throat.....	.20	2.00	12.00
Gold Measure. New. A magnificent yellow. Very large, open flowers, rich Corn yellow; immense spike.....	1.50	16.00	.....
La Luna. Pale yellow, changing to nearly white when expanded.....	.50	5.00	40.00
Niagara. Beautiful cream shade with lower petals blending to yellow inside; throat splashed carmine.....	.15	1.25	8.00
Schwaben. Delicate, pale yellow, dark blotch in center.....	.15	1.25	8.00
Sulphur King. Deep, pure yellow. The best of its color.....	.25	2.50	18.00

For Kunderdi Types of Ruffled, Primulinus and Mixed Gladiolus, see page 55.

We shall be pleased to supply any variety not listed at current prices.

GLADIOLUS FOR LATE PLANTING

Gladiolus can be had in flower in late September and October if the bulbs are retarded in cold storage.

We are prepared to place in cold storage any varieties if ordered before the end of April and ship at any date required for later planting.



HARDY EARLY-FLOWERING CHRYSANTHEMUMS

The early-flowering Chrysanthemums are of great value for outdoor planting. They are all large flowered and mature their bloom early enough to avoid being hurt by frost.

Chaldon. Large flowers, reddish crimson in color, with gold tips to the florets.

Cranfordia. Large, pure yellow flowers. Tall.

Eden. Beautifully formed flowers, rose-pink in color.

Glory of Seven Oaks. Golden yellow; dwarf.

Normande. Very delicate pink or white, varying under growing conditions.

Uvalda. Very early white. A large flower.

HARDY CHRYSANTHEMUMS

The Hardy Chrysanthemums should be in every garden as they give an abundance of flowers late in the Fall. Plants should be set in April and May to flower the same year.

LARGE FLOWERING, or ASTER VARIETIES

Capt. Cook. Lovely rose-pink.

Excelsior. Large flowered clear yellow.

Golden Climax. Deep orange-yellow.

Klondyke. Brilliant yellow; heavy stems.

Lillian Doty. Undoubtedly the best pink.

Marianna. An excellent white of large size.

Nellie Irwin. Yellow, shaded red.

Peace. A light pink; large flower.

White Doty. White form of "Lillian Doty."

Wm. Westlake. A large golden-yellow.

SMALL, BUTTON-FLOWERED POMPON VARIETIES

Dawn. Soft pink.

Delphine Dodge. Rose-pink changing to a lighter pink as the flower ages.

Donald. Light pink of the button type.

Golden West. Bright golden yellow.

Miss F. Collier. The best pure white.

Nio. Whitish pink, button variety.

Any of the above plants from 2¼-in. pots: Each 20c., doz. \$2.00, 100 \$15.00.

CHRYSANTHEMUMS

GREENHOUSE VARIETIES

Autocrat. A clear snow white, dwarf habit.

Chieftain. A deep clear pink, incurved.

Chrysolora. One of the best early yellows.

Dolly Dimple. A fine late yellow.

Dr. Enguehardt. A midseason incurved pink.

Emil Sedwitz. An incurved pink.

Greystone. Chamoise bronze, dwarf habit.

Louisa Pockett. The largest white.

Major Bonnaffon. Well-known late yellow.

Nakota. An immense yellow; incurved.

October Frost. A popular white for September.

Polly Rose. White Glory Pacific.

Thanksgiving Queen. Large white for Thanksgiving.

Yellow Wm. Turner. A light yellow.

CHOICE SINGLE GREENHOUSE VARIETIES

Anna. A small white for bushy plants.

Excelsior. A large scarlet bronze.

Chloris. Good yellow bronze.

Fascination. Clear yellow, early flowering.

Gold Finch. A delicate primrose, narrow petals.

Golden Mensa. Pure yellow; fine form.

Lily Neville. Pure white of fine substance.

Mrs. E. D. Godfrey. A lovely pink.

Mizpah. Mauve pink, very dwarf.

Mensa. Pure white, splendid form.

Mrs. W. E. Buckingham. A good pink.

Peggy Bulkley. A soft, luminous pink.

Rosy Morn. Silvery white.

Roupe Beauty. A fine deep plum.

ANEMONE CHRYSANTHEMUMS

Garza. The well-known white variety.

Izola. Deep cerise-pink and ideal in form.

Pink Lady. A bright pink Anemone.

Sunshine. A bright, golden yellow, late variety.

Volunteer. A bright golden yellow, early.

Yellow Garza. Yellow sport of Garza.

Any of the above plants from 2½-in. pots: Each 20c., doz. \$2.00, 100 \$15.00.

**ANTIRRHINUM. Snapdragon**

One of the most widely grown plants for greenhouse flowering and outside bedding.

Keystone. Clear rose-pink.

Nelrose. Deep pink.

Phelps' Giant White. The best white variety.

Roselle. Very early; fine rose pink.

Silver Pink. A beautiful shade of light pink.

Yellow Giant. Very large flowering; yellow.

Plants of any of the above in season, 2¼-in. pots: Doz. \$1.75, 100 \$12.00. See page 4 for new varieties.

CARNATIONS. Choice Varieties

Aviator. Scarlet.

Beacon. The standard red.

Belle Washburn. A fine red.

Benora. Color cream white, red markings.

Enchantress. Shell pink.

Enchantress Supreme. Salmon-pink.

Matchless. A very fine white.

Mrs. C. W. Ward. Pleasing shade of pink.

Pink Delight. Salmon-pink.

Rosette. A dark pink; fine grower.

White Benora. A grand white.

White Wonder. Snow white, fragrant.

Any of the above varieties, rooted cuttings, Spring delivery: Doz. \$1.50, 100 \$11.00.

Field grown plants (Fall delivery): Doz. \$3.50, 100 \$25.00.

CARNATIONS. Recent Introductions

	Doz.	100
Betty Jane. Color Ward pink. Large and perfect flowers, strong and easy grower.....	\$3.00	\$20.00
Laddie. A warm rose-salmon pink, very large flowers, rooted cuttings.....	3.00	20.00
Maine Sunshine. The best clear yellow, rooted cuttings.....	3.50	25.00
My Welcome. An ideal, beautiful shade of pink, much deeper than Enchantress.....	3.00	20.00
Natalie. Soft rose-pink, a little lighter than Ward.....	3.00	20.00
Super-Supreme. Color darker salmon than Enchantress of which it is a sport. Extra fine sort....	3.00	20.00
Surprise (Dorner's). Resembles Laddie in every way. A free bloomer and good grower.....	3.00	20.00
Thomas C. Joy. A pure glistening white, rooted cuttings.....	2.25	15.00
White Delight. A white sport of Pink Delight. An early, free flowering variety.....	3.00	20.00

GREENHOUSE PLANTS

	2¼-in. pots	3-in. pots
	Doz. 100	Doz. 100
BEGONIA, Gloire de Lorraine.	\$5.00 \$30.00	\$7.50 \$50.00
Glory of Cincinnati. A beautiful shade of pink.....	7.00 50.00	10.00 75.00
Melior. A more vigorous type of Lorraine.....	7.00 50.00	10.00 75.00
Mrs. J. A. Peterson. Deep pink flowers with red foliage.....	7.00 50.00	10.00 75.00
Peerless.	8.00 60.00	11.00 85.00
BOUGAINVILLEA Sanderiana. A free flowering Easter plant.....	3.00 20.00	4.50 30.00
BOUVARDIA. Single pink or white.....	3.00 20.00	.....
BUDDLEIA asiatica. White.....	3.00 20.00	4.00 25.00
Farquharii. Pale pink.....	5.00 35.00	.....
CALCEOLARIA, Mixed, hybrida grandiflora.	3.00 20.00	.....
Stewartii. A bright yellow variety.....	3.00 20.00	.....
CALENDULA, Selected Double Orange King.	1.50 10.00	.....
CINERARIA, Marshall's Half Dwarf Hybrids.	2.00 15.00	.....
CYCLAMEN giganteum, Mixed.	3.00 20.00	5.00 35.00
EUPHORBIA Jacquiniaefolia. A Christmas plant.....	4.00 30.00	.....
GARDENIA Veitchii (Cape Jessamine).....	2.50 18.00	3.50 25.00
MARGUERITE, Mrs. F. Sander. Double white.....	2.00 14.00	3.00 20.00
Boston Yellow Daisy.	2.00 14.00	3.00 20.00
Blue Daisies.	1.50 10.00	.....
POINSETTIA pulcherrima. Scarlet flower bracts.....	3.00 20.00	4.50 35.00
Oakleaf. In improved variety which does not drop its lower leaves.....	3.00 20.00	.....
PRIMULA obconica grandiflora.	2.00 12.00	2.50 16.00
malacoides.	2.00 12.00	2.50 16.00
sinensis fimbriata.	2.00 12.00	3.50 20.00
POLYANTHUS, Sim's Giant Yellow.	2.50 16.00	2.50 25.00
SMILAX. A popular greenhouse climber.....	1.50 10.00	.....
SOLANUM, Cleveland Red. An improved Jerusalem Cherry.....	2.00 14.00	3.00 20.00
Cleveland Yellow. Yellow fruits.....	2.00 14.00	3.00 20.00
STEVIA serrata. Dwarf or tall.....	1.50 10.00	2.50 16.00
Double white.	1.50 10.00	2.50 16.00
SWAINSONA alba or rosea.	2.00 12.00	3.00 20.00
VIOLETS, Marie Louise. Best double. Field grown roots of Violets.....	3.00 20.00	.....
Princess of Wales. Best single. Field grown roots of Violets (Fall delivery)....	3.00 20.00	.....

Orders for any of the above plants will be shipped in their season of delivery. Prices subject to change.

BEDDING PLANTS

	Doz.	100
AGERATUM. Blue.....	\$1.50 \$10.00	
ASTERS. Double, assorted.....	1.00 6.00	
BEGONIA Vernon.	1.50 10.00	
Luminosa.	1.50 10.00	
CANNAS. From 3-in. pots.		
Named varieties.	2.00 15.00	
Mrs. Alf. Conard. Salmon-pink.....	3.00 20.00	
Mixed French Varieties.	2.00 15.00	
CENTAUREA gymnocarpa.	1.50 10.00	
COBEA scandens. Blue.....	1.50 10.00	
COLEUS. In variety.....	1.25 8.00	
FORGET-ME-NOT. Blue.....	1.00 7.00	
FUCHSIAS. Named varieties.....	1.50 10.00	
GERANIUM. Named varieties.....	\$3.00 \$22.00	
Ivy-leaved Sorts.	2.50 20.00	
HELIOTROPE, Chieftain. Blue.....	2.00 12.00	
Mme. de Blonay. White.....	2.00 12.00	
LOBELIAS, Blue Dwarf.	1.50 10.00	
LEMON VERBENA.	1.50 10.00	
MOONFLOWER. White flowers.....	2.00 15.00	
PANSIES. Large, fancy mixed.....	1.00 7.00	
PETUNIA. Double varieties.....	1.50	
Single varieties.	1.00 10.00	
SALVIA Bonfire. Scarlet.....	1.25 9.00	
Zurich. Dwarf.....	1.25 9.00	
VERBENAS. Finest mixed.....	1.25 8.00	
VINCAS, rosea and alba.	2.50 15.00	



AQUATIC PLANTS FOR FOUNTAINS, LAKES, ETC.

CHOICE HARDY NYMPHAEAS

The following are a selection of the best hybrids for ponds and fountains. We recommend planting in May.

	Each
alba candidissima. An early and free bloomer. Flowers white.	\$1.25
Eugenia de Land. Extra large, deep rose-pink flowers.	\$1.75
Gladstonia. One of the finest white Lilies in cultivation.	1.25
Helen Fowler. Color very deep pink and very fragrant.	1.25
Marliacea albida. Flowers large, white; stamens yellow; fragrant.	1.00
Marliacea carnea. A soft flesh pink, deepening at the base of petals.	1.25
odorata. The fragrant Pond Lily of the North. Pure white.	.35
odorata gigantea. Very large, pure white flowers. Excellent for naturalizing in ponds.	.50
odorata, W. B. Shaw. A rich rose-pink color and very fragrant.	1.25
odorata sulphurea. Sulphur yellow; fragrant flowers.	1.25

TENDER NYMPHÆAS

Tender Nymphæas should be planted about the first of June, when warm, settled weather is assured.

DAY BLOOMING

	Each
gracilis. Flowers white, 6 to 8 in. across.	\$2.25
Mrs. C. W. Ward. Color deep rosy pink, with golden yellow stamens.	2.25
pulcherrima. A beautiful, light blue variety.	2.25
William Stone. A rich violet blue. Very desirable.	2.25
zanzibariensis. A superb variety of the deepest purple.	1.75
zanzibariensis rosea. Flowers rose, of various shades.	1.25

NIGHT BLOOMING

Bissetii. Beautiful rose-pink, flowers 8 to 10 in. in diameter.	2.50
dentata. Pure white, free blooming.	1.25
Deaniana. Strong growing, flowers pale pink.	1.75
Frank Trelease. Large, rich crimson flowers, leaves mottled.	1.75
rubra rosea. Rosy carmine. Very free blooming.	1.25

NELUMBIUMS

They are of easy culture and are hardy, providing the tubes are kept free from frost.

album grandiflorum. Large, pure white flowers, fragrant.	2.25
luteum (The American Lotus). Flowers creamy yellow.	1.75
Perkinsis rubrum. Flowers brilliant rosy crimson.	3.00
speciosum (Egyptian Lotus). Beautiful rose flowers, free flowering.	1.75

MISCELLANEOUS AQUATICS

	Each	Doz.
CYPERUS alternifolius. An excellent plant for growing in water and damp places.	\$0.25	\$2.50
EICHORNIA crassipes major (Water Hyacinth). A very showy, floating aquatic, bearing flowers of a delicate lilac rose in trusses.	.25	2.50
JUSSIEA longifolia. Rich golden yellow flowers. A good plant for tubs or ponds.	.35	3.50
LIMNANTHEMUM indicum (Water Snowflake). Snow white flowers.	.30	3.00
LIMNOCHARIS Humboldt (The Water Poppy). A pretty little aquatic with oval leaves and yellow flowers.	.25	2.50
MYRIOPHYLLUM proserpinacoides (Parrot's Feather). A trailing aquatic plant.	.25	2.50
SALVINIA braziliensis. A dainty floating plant for aquariums.	.20	2.00

PALMS AND DECORATIVE PLANTS

ADIANTUM gloriosum. The hardiest Maidenhair. 4-in. pots, each \$1.50; 5-in. pots, each \$2.00.	NEPHROLEPIS Bostoniensis (Boston Fern). 4-in. pots, each \$1.00; 5-in. pots, each \$1.50; 6-in. pots, each \$2.00.
ASPARAGUS plumosus nanus. Graceful, climbing Asparagus; beautiful, bright green, feathery foliage. 3-in. pots, doz. \$2.50; extra size, 4-in. pots, doz. \$3.50.	Dwarf Boston. 2½-in. pots, doz. \$2.00, 100 \$12.00.
Sprengeri. Fine for baskets. 3-in. pots, doz. \$2.50; 4-in. pots, doz. \$3.50.	Scottii. Fine for house decoration. 4-in. pots, each \$1.00; 5-in. pots, each \$1.50.
COCOS Weddelliana. Fine for table decorations. 3-in. pots, each 75c.; 4-in. pots, each \$1.50.	PANDANUS Veitchii. Graceful, light green leaves, beautifully marked, with broad stripes and bands of pure white. 5-in. pots, each \$2.50; 6-in. pots, each \$3.50.
DRACÆNA indivisa. Long, graceful foliage. Extensively used for vases. 4-in. pots, each 75c., doz. \$7.50; 5-in. pots, each \$1.00, doz. \$10.00.	PHŒNIX Roebelenii. Combines the graceful appearance of the Cocos and the hardness of the Kentia. 4-in. pots, each \$2.00; 5-in. pots, each \$3.00.
KENTIA Belmoreana or Forsteriana. The most popular parlor palm. 3-in. pots, each 75c.; 4-in. pots, each \$1.00; 5-in. pots, each \$2.00; 6-in. pots, each \$3.00.	PTERIS FERNS. In variety. For fern dishes and decorating. Doz. \$2.00, 100 \$12.00.
	TABLE FERNS. In variety. For fern dishes and ferneries. Doz. \$2.00, 100 \$12.00.



Hardy Perennial Plants

For Permanent Planting in Open Borders

Herbaceous plants should be used where a constant supply of flowers is desired, for, out of the large lists of herbaceous or perennial plants, such varieties may be selected as begin to flower very early, others that are almost continuous bloomers and some that continue to bloom even after frost sets in.

The approximate height of the Hardy Perennials in this catalog is represented in feet and inches and the flowering periods are taken in the vicinity of New York.

ACHILLEA Millefolium roseum. Pink flowers in compact heads. 2 ft. June-Sept.

filipendulina. Fern-leaved Yarrow; Milfoil. A showy variety with dense heads of yellow flowers. 3 ft. June-July

Ptarmica Boule de Neige. Ball of Snow. An improvement on The Pearl with fuller and more perfect flowers.

Ptarmica, The Pearl. Double pure white flowers in great profusion. 2 ft. June-Sept.

ACONITUM autumnale (Monkshood). Showy blue, helmet-shaped flowers. 3 to 4 ft. Aug. Sept.

Fischeri. Strong spikes of large, dark blue flowers. 2 to 3 ft. Sept., Oct.

Wilsonii. A tall variety from China, with violet-blue flowers. 5 to 6 ft. Sept.

All Aconitums, 35c. each, \$3.00 for 10.

AGROSTEMMA. See **LYCHNIS.**

ALYSSUM saxatile compactum (Rock Madwort, Golden Tuft). Compact masses of yellow flowers in early Spring. 1 ft. April, May.

AMSONIA Tabernæmontana. A strong, shrub-like plant, with spikes of delicate blue flowers. 2 ft. May, June.

ANCHUSA italica, Dropmore. Large, gentian-blue flowers. 4 to 5 ft. May-July.

—**Opal.** New. Pale blue flowers. 4 to 5 ft. May-July.

ANEMONE (Windflower). Japanese Anemones are among the best Autumn flowering plants. 2 to 3 ft. Sept., Oct.

japonica alba. Single, pure white.

elegantissima. Semi-double, satin-white.

Montrose. Semi-double pink.

rubra. Single, reddish rose.

Whirlwind. Semi-double, white.

ANTHEMIS montana (Marguerite). One of the most satisfactory perennials; flowers creamy white. 2 ft. June-Oct.

tintoria Kelwayi (Golden Marguerite). Rich yellow; fine for cutting. 2 ft. June-Oct.

AQUILEGIA coerulea (Rocky Mountain Columbine). Large, blue and white, long-spurred flowers.

chrysantha (Golden-Spurred Columbine). Flowers fragrant, yellow. 2 to 3 in. across.

AQUILEGIA—Continued

canadensis (American Columbine). A compact plant with red-and-yellow flowers.

Mrs. Scott Elliott Hybrids. There is not a better mixture grown in the world than by Mrs. Scott Elliott who has taken the highest awards at all the European exhibitions. Our stock is from seed, from this source, absolutely true strain.

Nivea grandiflora. A splendid robust growing large pure white

ARABIS alpina (Rock Cross). Adapted for rock gardens; pure white. 5 in. April, May.

—**flore-pleno.** A double form of the preceding.

ARTEMISIA Abrotanum (Southernwood, Old Man). Usually grown for its handsome, pleasant-scented leaves. 2 to 3 ft.

lactiflora. Large, branching panicles of sweetly scented, creamy white flowers. 3 to 4 ft. Aug., Sept.

Stelleriana (Old Woman). Foliage deeply cut; silvery white; a fine plant for rockeries. 1½ ft.

ASCLEPIAS tuberosa (Butterfly Weed). Orange-scarlet. 2 ft. July, Aug.

ASPERULA odorata (Sweet Woodruff, Waldmeister). A sweet-scented herb; white. 6 to 8 in. May, June.

ASTER (Michlams Daisy).

Climax. Large, soft mauve flowers with golden center, 5 to 6 ft. Sept., Oct.

Lil. Fardel. Rich, clear pink. 4 to 5 ft. Aug. Sept

Maggie Perry. Large flowers of soft, rosy mauve. 4 to 5 ft. Sept., Oct.

Perry's Pink. Glistening, reddish-pink flowers, 4 ft. Sept., Oct.

Perry's White. Pure white, free flowering. 5 to 6 ft. Sept., Oct.

St. Egwin. Pink, compact habit. 3 ft. Sept.

Tataricus. Tall straight growth, large violet flowers. 6 ft. Oct.

White Climax. Pure white, large flowers. 5 to 6 ft. Sept., Oct.

ASTILBE Arendsii (New Hybrids). July.

Grano. Salmon-pink. 3 to 4 ft. 50c.

Juno. Rosy-purple. 3 to 4 ft. 50c.

All plants on this page, except where noted, 30c. each, \$2.50 for 10.

HARDY PERENNIAL PLANTS—Continued

ASTILBE—Continued.

Moerheimii Delicata. Pure white, tall spikes. 5 to 6 ft. 50c.

Salmon Queen. Soft salmon-pink. 4 ft. 50c.

Thunbergii. Pale pink. 5 to 6 ft. 50c.

AUBRIETIA deltoidea. Fine for rockeries; dark violet. 6 in. April and May.

BAPTISIA australis (False Indigo). Has racemes of lupine-like flowers, dark blue in color. 3 to 4 ft. May-July.

BOCCONIA cordata (Plume Poppy). Creamy white flowers. 6 to 8 ft. July, Aug.

BOLTONIA asteroides. Has pure white, Aster-like flowers. 4 to 5 ft. Aug., Sept.

latisquama. Similar to the preceding, with pinkish lavender flowers. 4 to 5 ft. Aug., Sept.

—**nana.** A dwarf form. 2 ft. Aug., Sept.

CALLIRHOE involucrata (Poppy Mallow). An elegant trailing plant, with large, saucer-shaped flowers of deep rosy crimson, with white center. 1 ft. June-Sept.

CENTAUREA dealbata. Compact habit; deep pink flowers. 1½ ft. July, Aug.

macrocephala. The most showy Centaurea, with large, thistle-like yellow flowers. 3 ft. July, Aug.

montana (Perennial Cornflower). Large blue flowers. 2 ft. June-Sept.

—**alba.** A fine white form of the above.

CEPHALARIA alpina (Roundheads). Very tall. Flower heads pale primrose-yellow. 5 ft. June, July.

CERASTIUM tomentosum (Snow-in-Summer). Bright, silvery foliage, with white flowers. 6 in. May, June.

See also Rock Plant list.

CHRYSANTHEMUMS, Hardy. These make a grand show late in the Fall; all colors. See page 57 for list of varieties. 2 to 3 ft. Sept.-Oct. 20c. each, \$2.00 for doz.

arcticum (Arctic Daisy). Multitudes of white, slightly tinged flowers, 2 in. wide. 12 to 18 in. Sept.-Nov.

maximum, Shasta Daisy. Large white flowers; blooms profusely all Summer.

CIMICIFUGA racemosa. Tall, hardy and ornamental; white racemes of flowers. 4 to 5 ft. June, July.

—**simplex.** Tall, graceful spikes of white flowers, lasting a long time when cut. 2 to 3 ft. Sept., Oct., 35c. each, \$3.00 for 10.

CONVALLARIA majalis (Lily of the Valley). May, June. Field grown clumps. 40c. each, \$3.50 for 10.

COREOPSIS lanceolata. Golden yellow; the flowers are borne on long, graceful stems, making them invaluable for cutting. 2 ft. June-Oct.

DELPINIUM (Larkspur). June till late Fall.

Belladonna. Large, semi-double flowers, sky-blue, tipped lilac; dwarf growing.

formosum. Dark blue, white center.

English Hybrids. From the palest to the deepest blues; single and double.

—**grandiflorum chinense** (chinense). Low-growing, with gentian-blue flowers.

—**—alba.** A pure white form of the preceding.

DIANTHUS (Hardy Pinks). A very interesting and useful class of plants, blooming in early Spring.

Alwoodi. (Perpetual Flowering Pinks). A new race introduced from England. Tall branching habit. Very fragrant.

barbatus (Sweet William). In separate colors; red, white and rose. 2 ft.

—**Newport Pink.** A distinct variety in this favorite flower, being a salmon-rose-pink.

—**Double Assorted Colors.** 2 ft.

deltoides (Maiden Pink). A dwarf variety with sprays of pink flowers. 8 in.

Harold. A splendid large double pure white of very symmetrical form and great substance.

Mary. Pale rose-pink with light maroon center.

Phyllis. Delicate pale pink with light maroon center; very strongly scented.

Robert. A delicate shade of old rose with light maroon center; very free.

The above four varieties, 35c. each.

DICENTRA formosa (Bleeding Heart). Rose color, with finely divided foliage. 1 ft. May-Aug.

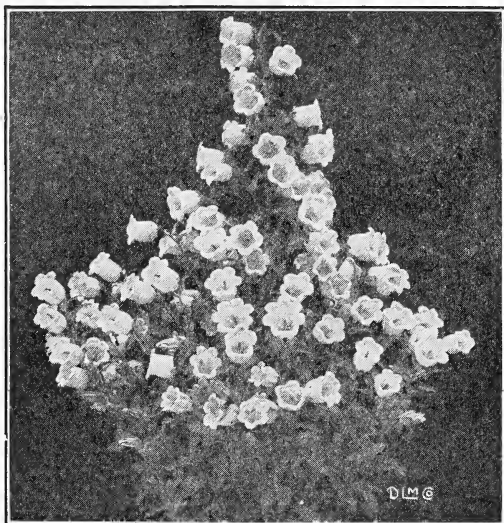
spectabilis. Long, drooping racemes of rose-crimson; useful for forcing. 1½ ft. April-June. 50c. each.

DICTAMNUS fraxinella (Gas Plant). This is also called Burning Bush. 2 to 3 ft. June, July.

DIGITALIS (Foxglove). These old garden favorites produce bold masses of leaves and flowers.

lanata. Long, dense spikes of grayish or creamy yellow flowers. 2 to 3 ft. June, July.

purpurea gloxiniaeflora (Gloxinia-flowered Foxglove). Flowers spotted rose, purple and white. 2 to 3 ft. June, July.



Campanula medium

CAMPANULA (Bellflower). These are among the most important of hardy plants.

carpatia (Harebell). Flowers large, erect, light blue. 5 to 7 in. July, Aug.

—**alba.** A white form of the above.

glomerata. Globular, dark blue flowers. 1½ ft. June, July.

medium (Canterbury Bells). In blue, rose or white. 2 ft. June.

—**calycanthema** (Cup-and-saucer Canterbury Bells). In blue, lilac, rose and white.

persicifolia (Peach-leaved Bellflower). Large, cup-shaped blue flowers. 2 ft. June, July.

—**alba grandiflora.** White.

pyramidalis (Steeple Bellflower). Long spikes of blue flowers. 4 to 5 ft. Aug., Sept.

—**alba.** A white form of the above.

CARYOPTERIS incana, Mastacanthus (Blue Spiraea). Lavender-colored flowers. 3 to 4 ft. Sept., Oct.

CASSIA marilandica. Bright yellow, odd-shaped flowers. 5 to 6 ft. July-Sept.

CATANANCHE cœrulea bicolor (Cupid's Dart). White flowers with slight suffusion of purple in center. 2 ft. June-Aug.

All plants on this page, except where noted, 30c. each, \$2.50 for 10.



HARDY PERENNIAL PLANTS—Continued

DORONICUM plantagineum excelsum (excelsum). Brightest yellow; free flowering. 1½ to 2 ft. May.

ECHINACEA purpurea (Purple Coneflower). Reddish purple flowers, 4 in. in diameter. 3 to 4 ft. July, Aug.

ECHINOPS (Globe Thistle). A showy plant, with globular heads of blue flowers.

Ritro. Metallic blue flowers; thistle-like foliage. 3 to 4 ft. July, Aug.

EREMURUS himalaicus. Creamy white flowers borne in immense graceful spikes. 6 to 8 ft. May, June. Strong plants, \$7.50 to \$10.00 each.
robustus. A very fine, strong growing variety, with rosy pink flowers. 6 to 10 ft. May, June. Strong plants, \$7.50 to \$10.00 each.

ERYNGIUM alpinum (Sea Holly). Flowers 3 in. across, of a steel blue. 2 ft. July, Aug.

amethystinum. Beautiful thistle-like heads of glistening amethyst-blue. 2 to 3 ft. July-Sept.

EUPATORIUM coelestinum (Mist Flower). A good hardy plant, with light blue flowers, similar to Ageratum. 2 ft. Aug.-Oct.

purpureum (Joe Pye Weed). Purple; fine for wild garden. 6 to 7 ft. July-Sept.

urticaefolium (ageratoides) (White Snakeroot). White flowers; good for cutting. 4 to 5 ft. Aug., Sept.

EUPHORBIA corollata (Flowering Spurge). Pretty little white flowers. 2 to 3 ft. July, Aug.

epithymoides (polychroma). Bears masses of chrome-yellow flowers in early Spring.

FERNS, HARDY. Valuable for planting in shady, moist situations and under trees where blooming plants will not thrive. As a rule they should be grown in a moist, shady and protected place, in a soil composed of rich loam and leaf-mold.

Adiantum pedatum (Hardy Maidenhair Fern).

Aspidium acrostichoides (Christmas Fern). An evergreen variety with deep green fronds about a foot high.

Aspidium Filix-mass (Male Fern). A rare evergreen type, growing about 2 ft. high in rich soil.

Aspidium spinulosum. Another evergreen variety growing 18 to 24 in. high.

Asplenium angustifolium. A charming Fern with light green, graceful fronds 1 to 3 ft. high.

Asplenium Filix-foemina. A large, handsome Fern with finely cut foliage about 2 to 3 ft. high.

Dicksonia punctilobula. A variety which will grow in sun or shade, growing about 18 in. high. Where masses of Ferns are desired, this variety cannot be surpassed.

Onoclea struthiopteris (Ostrich Fern). A very handsome variety which resembles a palm, growing from 2 to 4 ft. high. A very good Fern for growing as a background for smaller varieties.

Osmunda cinnamomea (Cinnamon Fern).

Osmunda regalis (Royal Fern).

FUNKIA. Very handsome and will thrive in almost any position. 1½ to 2 ft. July, Aug.

coerulea. Purple flowers; large, green foliage.

lancifolia albo-marginata. Leaves edged with white.

undulata variegata. It has ovate leaves, the margins deep green and center a beautiful creamy white.

plantaginea grandiflora (F. *subcordata grandiflora*). Large, pure white flowers and bold foliage make this a very attractive variety. 50c. each.

GAILLARDIA grandiflora (Blanket Flower). Yellow and orange-red. 1½ ft. May to Nov.

Lady Rolleston. Flowers are a rich yellow, borne on long, stout stems. 2 ft. June-Nov.

GALEGA officinalis (Goat's Rue). Rosy purple flowers. 3 to 4 ft.

—alba. White flowers; fine for cutting. 3 to 4 ft. July.

GENTIANA Andrewsii (Closed, or Bottle Gentian). Flowers of a fine blue. 18 to 24 in. Aug., Sept.

GERANIUM sanguineum. Fire-red; very effective. 1 to 1½ ft. May-July.

GEUM atrosanguineum (Avens). Dark crimson. 1 to 2 ft. May-July.

coccineum, Mrs. J. Bradshaw. Double dark red flowers. 2 ft. June-Sept.

Heldreichii. Orange; one of the best; very free flowering; fine foliage. 1½ ft. May-July.

GRASSES—

Arrhenatherum bulbosum folia variegata. Leaves green and white; fine for edging. 6 to 8 in.

Arundo Donax (Great Reed). Grows 15 ft. and forms dense clumps. 35c. each, \$3.00 for 10.

—variegata. Foliage creamy white and green. 6 to 8 ft. 35c. each, \$3.00 for 10.

Elymus glaucus (Blue Lyme Grass). Has narrow, glaucous silvery foliage. 3 ft.

Eulalia gracillima univittata. Foliage narrow, bright green, with a silvery midrib. 5 to 6 ft.

—japonica variegata. Its long, narrow leaf-blades are striped green, white and often pink and yellow. 4 to 6 ft.

—japonica zebrina. Very striking with leaves banded transversely with pale yellow. 5 to 6 ft.

Festuca glauca. A pretty dwarf grass, with tufts of fine, bluish green foliage. 1 ft.

Phalaris arundinacea picta (arundinacea variegata). Variegated Ribbon Grass; Gardener's Garters. 2 to 3 ft.

GYPSOPHILA paniculata (Baby's Breath). Masses of minute, pure white flowers. 2 to 3 ft. June, July.

—flore-pleno. Charming, double flowers borne on branched panicles in great profusion. July, Aug. 50c. each, \$4.50 for 10.

acutifolia (Chalk Plant). Rose-colored flowers. 3 to 4 ft. July, Aug.

HELENIUM autumnale superbum (Sneeze-weed). A grand plant, with large, flat, lemon-yellow flowers. 4 to 5 ft. Aug., Sept.

Hoopesii. The earliest flowering of all the Heleniums and the only one with pure orange-colored flowers. 2 to 3 ft. May, June.

—Riverton Beauty. Rich lemon-yellow, with large purplish black cone. 5 ft. Aug., Sept.

—Riverton Gem. Yellow, changing to red. 5 ft. Aug., Sept.

HELIANTHUS (Hardy Sunflower). The large flowers on long stems are fine for cutting.

Maximilianii. One of the latest blooming of all clear yellow. 6 to 8 ft. Oct., Nov.

mollis. Thick, velvety foliage of a silvery tinge; flowers lemon-yellow. 5 ft. Aug., Sept.

orgyalis. Graceful stalks, clothed with very long, willowy, drooping foliage; flowers deep lemon-yellow. 8 to 10 ft. Aug.

HELIOPSIS Pitcheriana. The flowers are deep golden yellow, about 2 in. in diameter. 3 to 4 ft. July-Sept.

HEMEROCALLIS flava (Lemon Lily). Flowers lemon-yellow, sweet-scented. 3 ft. May.

fulva Kwanso. Large, double flowers of a rich bronze orange. 2 to 3 ft. June-Aug.

Middendorffii. Flowers deep orange-yellow. Desirable for cutting. 2 to 3 ft. June, July.

Thunbergii. Flowers lemon-yellow, very fragrant. 3 ft. July, Aug.

HEUCHERA sanguinea. The bright crimson flowers are borne in long, graceful, arching sprays. 1½ ft. May-Sept.

hybrida. Assorted colors. 1½ ft. May, Sept.

All plants on this page, except where noted, 30c. each, \$2.50 for 10.



HARDY PERENNIAL PLANTS—Continued

HOLLYHOCK rosea. 5 to 6 ft. July, Aug.

Single. In crimson, rose, salmon, white or yellow colors.

Double. In carmine-rose, crimson, yellow, rose-salmon and white colors.

HIBISCUS Hybrids. The flowers range in color from white to intense crimson. 5 to 8 ft. July-Sept. 2-yr., each 35c., 10 for \$3.00; 3-yr., each 50c., 10 for \$4.50; 4-yr., strong clumps, 75c. each, 10 for \$6.50.

HYPERICUM Moserianum (Gold Flower). Beautiful golden yellow flowers, with crimson stamens. 1½ ft. June-Sept.

INULA ensifolia (Fleabane). Yellow; small flowers, 8 in. July-Sept.

glandulosa. Old-gold; pretty. 3 to 4 ft. July, Aug.

IRIS germanica (Garden Iris). See special Iris List.

IRIS Kaempferi (Japanese Iris). See special Iris List.

LATHYRUS latifolius (Everlasting Pea). Flowers rose-colored, large, on many-flowered stems, similar to the annual Sweet Pea. 3 ft. June-Aug.

—**albus.** A variety of the preceding, with white flowers. A very desirable plant. 3 ft. June-Aug.

—**White Pearl.** With pure white flowers, which are double the size of the ordinary Lathyrus. 2 to 3 ft. June-Aug. 35c. each, \$3.00 for 10.

LAVANDULA vera (Sweet Lavender). Fragrant blue flowers. 1½ ft. July-Sept.

LIATRIS pycnostachya (Kansas Gay Feather). Flowers purple, in dense spikes. 4 to 5 ft. July, Aug.

spicata (Button Snakeroot). Spikes 6 to 15 in. long; purple. 2 to 3 ft. July-Sept.

Linum flavum (Flax). Very handsome, light yellow flowers. 1 ft. June, July.

perenne. A lovely plant, with blue flowers. 1½ ft. May-Aug.

—**album.** A white form of the above.

LOBELIA cardinalis (Cardinal Flower). Flowers intense scarlet. 3 ft. July, Aug.

syphilitica. Fine spikes of blue flowers. 3 ft. Aug., Sept.

LUPINUS polyphyllus (Lupine). Deep blue, pea-shaped. 3 to 4 ft. June, July.

—**albiflorus.** A white form of the above.

—**Mœrheimii.** Color soft rose. June and July.

LYCHNIS chalcedonica. Flowers bright scarlet, in dense clusters. 2 ft. June, July.

Coronaria (Agrostemma Coronaria). Flowers rich crimson, produced in great abundance on long stems. 2 ft. June, July.

viscaria splendens flore-pleno. A fine variety, with double, crimson flowers. 1 ft.

LYTHRUM Salicaria roseum, Perry's Variety. A most beautiful shade of cherry red. 2 to 3 ft. July-Sept.

—**Rose Queen.** A remarkably free-blooming variety, with long, graceful spikes of rosy pink flowers. 2 to 3 ft. July-Sept.

—**roseum superbum** (Purple Loosestrife). Tall spikes of rosy purple. 3 to 4 ft.

LYSIMACHIA clethroides (Japanese Loosestrife). A fine hardy variety from Japan, with long spikes of pure white flowers. 2 ft. July-Sept.

Nummularia (Creeping Jenny). Moneywort.

MALVA moschata (Musk Mallow). Flowers rose; sweet scented. 1 to 2 ft. June-Sept.

—**alba.** A charming plant; flowers white. 1 to 2 ft. June-Sept.

MERTENSIA virginica. Flowers blue, funnel-formed, in nodding clusters. 1½ ft. May, June.

MONARDA didyma. Compact heads of bright red flowers. 3 ft. June-Aug.

didyma, Cambridge Scarlet. Next to the scarlet lobelia, the most brilliant of our wild flowers.

didyma violacea superba. Deep amaranth-red.

MYOSOTIS palustris semperflorens (Forget-me-not). Color blue; good for shady spots in the rock garden. 10 in. May-Sept.

NEPETA hederacea (Glechoma). Blue; a beautiful evergreen plant of creeping habit; fine for rockwork. 5 in. May, June.

For other varieties see Rock Plant List.

ENOTHERA fruticosa major (Evening Primrose). Bright yellow flowers. 2 ft. June.

missouriensis. Large, yellow flowers. 10 in. June-Aug.

Papaver nudicaule. White, yellow, orange. 9 in. May-Aug.

orientale. 2 to 3 ft. May, June.

Grossfurst. Dark red. 3 ft. May, June. 40c.

Mrs. Perry. Pink. 3 ft. May, June. 40c.

Perry's White. White. 3 ft. May, June. 40c.

Princess Victoria Louise. Soft salmon-pink.

PENTSTEMON barbatus Torreyi (Beard Tongue). Tall spikes of brilliant scarlet flowers. 4 ft. June-Aug.

PEONIES. See special Fall List.

PHLOX, PERENNIAL. Phloxes are among the very showiest and most valuable of all hardy plants, and, by growing a complete collection, they can be had in bloom from early June until late Fall. 2 to 3 ft. June-Oct.

New and Rare Varieties

Antoine Mercier. Pure white, lilac center. 35c.

B. Comte. Satiny amaranth. 35c.

Australia. Brilliant, dark carmine-violet. 35c.

Elizabeth Campbell. Very large spikes of salmon-pink. 35c.

Europe. White, with crimson eye. Very large. \$1.00.

Frau Anton Buchner. Pure white, with flowers of enormous size. 50c.

Geo. A. Strohlein. Bright scarlet-orange, with carmine eye. 35c.

Mme. M. Van Hoboken. The finest pink and a most consistent bloomer. \$1.00.

Mrs. Scholten. Very fine rose color and one of the best. \$1.00.

Thor. Deep salmon-pink, suffused scarlet. 50c.

Wanadis. Lilac-blue, with violet eye. 35c.

Widar. Violet-blue; white eye; very fine. 50c.

W. C. Egan. Delicate lilac, with red eye. 35c.

The following varieties can be supplied at 30c. each, \$2.50 for 10:

Adonis. Rosy-salmon, carmine center.

Champ Elysees. Dark purple, large trusses.

Gen. Van Heutz. Salmon red, white center.

Jeanne d'Arc. Snow-white; very late.

Miss Lingard. Pure white, with pale pink center.

A continuous bloomer.

Rhynstroom. Deep pink.

Tapis Blanc. The finest of all dwarf white Phlox. Enormous size.

DWARF OR CREEPING PHLOX.

subulata alba. Flowers large; white.

—**atropurpurea.** Purplish rose.

—**ilacina.** Light blue.

PHYSALIS Franchetii (Chinese Lantern Plant). Enormous orange-colored fruits; useful for Winter decorating. 2 ft. April, May.

PHYSOSTEGIA virginiana (False Dragonhead). Strong spikes of delicate pink flowers. 2 to 3 ft. June, July.

—**alba.** Flowers pure white. 2 to 3 ft. June, July.

PLATYCODON grandiflorum (Balloon Flower). A dense branching plant of upright habit; flowers 3 in. across, blue. 1 to 2 ft. June, July.

—**album.** A white flowered form of the above.

All plants on this page, except where noted, 30c. each, \$2.50 for 10.

HARDY PERENNIAL PLANTS—Continued

POTENTILLA HYBRIDS (Cinquefoil).

Doctor Andre. Semi-double, yellow, red; veined and margined. 2 ft. June, July.

Don Quixote. Soft yellow, splashed scarlet.

Monsieur Rouillard. Crimson edged yellow.

Mont d'Or. Yellow.

MacNabiana. Double; rich crimson.

Plantii. Flowers single; red.

50c. each, \$4.50 for 10.

PRIMULA acaulis (vulgaris) (Common English Primrose). Bright lemon yellow and fragrant. 6 to 9 in. April, May.

PYRETHRUM. Single mixed varieties.

POLYGONATUM multiflorum (Solomon's Seal). Arching sprays of greenish white flowers; useful for cutting. 2 ft. May, June.

Sieboldii. A strong-growing plant; stems curving gracefully outward. Produces creamy white flowers; very effective for massing. 3 to 5 ft. Aug., Sept.

RUDBECKIA laciniata, Golden Glow (Cone-flower). Masses of double, golden yellow flowers. 6 to 8 ft. Aug., Sept.

maxima. Has immense grayish-green leaves and bright yellow flowers on long stems. 4 to 6 in. across. 6 to 8 ft. June-Sept.

speciosa (Newmanii). Dark orange-yellow flowers; fine for cutting. 2 ft. June-Oct.

subtomentosa. Densely branched masses of brilliant lemon-yellow flowers with dark purple centers. 4 to 5 ft. July-Oct.

SALVIA azurea grandiflora. A Rocky Mountain species, with pretty sky-blue flowers. 3 to 4 ft. Aug., Sept.

pratensis. Deep blue flowers. 2 ft. June, July.

nemorosa (virgata nemorosa). An effective border plant, with dark blue flowers. 2 ft. May, June. 50c.

SCABIOSA caucasica. Beautiful, soft lilac flowers, vigorous grower. 2 to 3 ft. June-Aug.

—**alba.** Very rare; pure white. 2 to 3 ft.

SEDUM acre (Golden Moss, Stonecrop). Flowers bright yellow. 2-3 in. May-July.

album. Foliage green; flowers white. 2-3 in.

Sieboldii. Foliage changing from blue and cream to coral-rose; flowers rose-pink. 9 in. Aug.-Sept.

spectabile (Stonecrop). Large heads of pink flowers. Fine border plant. 1½ ft. Aug.-Sept.

For other varieties see Rock Plant List.

SPIRÆA Filipendula. White. 2 ft. June, July.

Ulmaria fl. pl. Double white. 2 ft. June, July.

STATICE latifolia (Sea Lavender). Fine spreading panicles of lavender flowers.

STOKESIA cyanea (Cornflower Aster, Stokes' Aster). Flowers 3 to 4 in. across, of a fine sky-blue. 2 ft. July-Oct.

—**alba.** A white form of the above.

SWEET WILLIAM. See **Dianthus**.

THALICTRUM aquilegifolium (Meadow Rue). Graceful foliage and masses of pure white flowers. 1 to 3 ft. May-July.

—**adiantifolium.** Leaves resemble those of the maidenhair fern; flowers yellow. 1 ft. June, July.

diptercarpum. One of the handsomest Thalictrums, with graceful flowers on stems 4 ft. high; rosy purple with citron-yellow anthers. Aug., Sept.

THERMOPSIS caroliniana. A fine plant with clover-like foliage; long spikes of bright yellow, pea-shaped, lupine-like flowers. 4 ft. June, July.

THYMUS citriodorus aureus. Golden variegated foliage. 8 in. June-Aug.

TRADESCANTIA virginiana (Spiderwort). Long, grass-like leaves, violet flowers. 2 ft. May-Aug.

—**alba.** White flowers. 2 ft. May-Aug.

TRITOMA Uvaria grandiflora. Flowers rich ochered and yellow, fading to salmon. 3 to 4 ft. Aug., Sept.

—**grandis** (T. Pfitzeri). The freest flowering of all; orange-scarlet, shading to salmon-rose at the edge. 2 to 3 ft. Aug., Sept.

TROLLIUS europæus (European Globe Flower). A pretty plant, with large, lemon-colored, buttercup-like flowers, 1 to 1½ in. across, on long stems. Should be planted in moist soil. 2 ft. May, June.

Orange Globe. A profuse bloomer, of robust growth; large orange flowers; very fine. 2 ft. May, June.

All Trollius 50c. each, \$4.50 for 10.

VALERIANA officinalis (Hardy Garden Heliotrope). Fragrant, light pink flowers. 3 to 5 ft. June, July.

VERBASCUM longiflorum pannosum (Mullein). Clear yellow, very ornamental; fine large, silvery foliage. 6 ft. June-Aug.

olympicum. Yellow flowers. Very attractive variety. 8 ft. May, June.

phœniceum. Purple and pink flowers. 2 ft. June, July.

thapsiforme (densiflorum). Large, yellow flowers. 2 to 5 ft.

VERONICA (Speedwell). All Veronics love moist situations and are excellent for rockwork.

longifolia subsessilis (Blue). Attractive; blooms until late Fall. 2 ft. Aug., Sept.

spicata. Spikes of blue flowers. 1½ ft. June, July.

VINCA minor (Periwinkle). Evergreen trailer; fine for covering bare places. April, May.

VIOLA cornuta G. Werning. This is a true Viola cornuta, with large blue flowers.

VIOLA, Tufted Pansies—

Admiration. Soft purple, dark blotched.

lutea splendens. Golden yellow.

White perfection. White.

YUCCA filamentosa (Adam's Needle). Pyramidal clusters of creamy flowers. 4 to 6 ft. June, July.



Veronica Longifolia subsessilis

All plants on this page, except where noted, 30c. each, \$2.50 for 10.

Hardy Vines and Climbers

ACTINIDIA arguta. Shining, dark green foliage. Flowers white, with purplish center. Pot grown plants.....\$1.50 each

AKEBIA quinata. Numerous bunches of violet-brown flowers; does best in sunny places. Strong, pot grown plants.....75c. to \$1.00 each
Field grown plants.....50c. each

AMPELOPSIS heterophylla. Well adapted for covering rocks and low trelliswork. Field grown plants.....50c. each
Pot grown plants.....75c. each

quinquefolia (Virginia Creeper). Very large, green foliage, changing to brilliant scarlet in the Fall. Field grown plants, 5 to 7 ft.....50c. each
Pot grown plants, strong, 5 to 6 ft.....\$1.00 each

Engelmannii. Similar to the preceding, with smaller and more dense foliage.

Field grown plants, 5 to 7 ft.....50c. each
Pot grown plants, strong, 5 to 6 ft.....\$1.00 each

tricuspidata Lowii (Lowii) (New Japanese Ivy). The small, prettily lobed foliage changes to a brilliant crimson in Autumn. Pot grown plants, \$1.00 each.

Veitchii (Japanese or Boston Ivy). Rapid growing vine, handsome green foliage, assuming charming sun tints in the Fall.

Field grown plants, 2-yr..35c. each, \$3.00 for 10
Field grown plants, 3-yr..50c. each, \$4.50 for 10
Pot grown plants, strong, 50c. each, \$4.50 for 10
Extra strong, pot grown plants, \$1.00 each, \$9.00 for 10.

ARISTOLOCHIA Sipho (Dutchman's Pipe). A vigorous and rapid flowering climber.

Pot grown plants.....\$1.00 each

BIGNONIA (Tecoma) grandiflora (Chinese Trumpet Vine). Orange-red flowers.

Pot grown plants.....\$1.00 each, \$9.00 for 10

radicans (Common Trumpet Vine). Brilliant orange-scarlet flowers in July and August.

Pot grown plants.....75c. each

CELASTRUS scandens (False Bittersweet). A native vine, of rapid growth, with large leaves and yellow flowers.

Field grown plants.....50c. each, \$4.50 for 10

CLEMATIS. Beautiful and attractive vines.

Jackmanii. One of the best; large, rich, velvety purple flowers in profusion.

Henryi. Large, creamy white, fine form.

Mme. Edouard Andre. A very fine variety with bright red flowers.

paniculata (Japanese Virgin's Bower). The white flowers are very pretty, fragrant and resemble snowflakes in late Summer.

Field grown plants.....40c. each, \$3.50 for 10

Pot grown plants.....75c. each, \$6.50 for 10

EUONYMUS radicans. Very hardy, dense growing, trailing vine; dull green leaves, with whitish veins.

Field grown plants.....50c. each, \$4.50 for 10

Strong, pot grown plants.....75c. each, \$7.00 for 10

variegatus. Fine vine, with clinging tendrils. Compact, variegated, small leaves.

Field grown plants.....50c. each, \$4.50 for 10

Strong, pot grown plants.....75c. each, \$7.00 for 10

vegetus. Has round leaves and produces an abundance of showy red fruits with yellow pods.

Field grown plants.....50c. each, \$4.50 for 10

Strong, pot grown plants.....\$1.00 each, \$9.00 for 10

HEDERA helix (English Ivy). This is the popular, small-leaved variety and has proved perfectly hardy.

Pot grown plants.....50c. each, \$4.50 for 10

Extra strong plants.....75c. each, \$6.50 for 10

Specimens with many branches trained on sticks.

4 to 5 ft.....\$2.00 each, \$18.00 for 10

5 to 6 ft.....\$3.00 each, \$27.00 for 10

6 to 7 ft.....\$4.00 each, \$36.00 for 10

HUMULUS Lupulus (Hop Vine). The Hop has fine, large, three-lobed leaves, rough on both sides.

Pot grown plants.....50c. each



Lonicera Halliana

LONICERA japonica aureo-reticulata. Handsome foliage, netted and spotted bright yellow.

2-year plants, 50c. each, \$4.50 for 10, \$35.00 per 100

Halliana (Hall's Japanese Honeysuckle). A strong grower and constant bloomer. A choice variety.

2-year plants, 40c. each, \$3.50 for 10, \$30.00 per 100

POLYGONUM baldschuanicum. A useful climbing plant, perfectly hardy, a strong grower, covering itself with a sheet of snowy white flowers.

Pot grown plants.....\$1.00 each

PUERARIA Thunbergiana (Kudzu Vine). A most remarkable rapid growing vine, unparalleled for ornament and shade.

2-year plants.....35c. each

3-year plants.....50c. each

Strong, pot grown plants.....70c. each

SCHIZOPHRAGMA hydrangeoides (Climbing Hydrangea). Has bright green, round leaves, and flowers similar to Hydrangeas.

Pot-grown plants.....\$2.50 each

Extra strong plants.....\$1.00 each

TECOMA. See *Bignonia*.

WISTERIA macrobotrys (multijuga) (Japanese Loose-clustered Wisteria). A rare species, with purplish or lilac-colored flowers, borne in immense clusters, sometimes 2 ft. in length. \$1.00 each; pot grown plants, \$2.00 to \$4.00 each; specimens in tubs, \$5.00 to \$10.00.

—alba (multijuga alba). Very rare; large, white clusters of flowers. \$1.00 each, \$9.00 for 10; pot grown plants, \$2.00 to \$4.00 each; specimens in tubs, \$5.00 to \$10.00.

sinensis (chinensis) (Chinese Wisteria). Flowers sky-blue, in long, pendulous clusters. 75c. each; pot grown plants, \$1.00 to \$3.00 each; specimens in tubs, \$4.00 to \$10.00 each.

—alba (chinensis alba) (White Chinese Wisteria). A choice variety with white flowers. 75c. each; pot grown plants, \$1.50 to \$3.00 each; specimens in tubs, \$4.00 to \$5.00 each.



Rose Mme. Edouard Herriot. (Daily Mail Rose)

ROSES—Hybrid Tea, or Everblooming

This selection will produce a mass of Roses to cut from the entire season. The plants are American, two year old, and the varieties are the very best for outdoor culture; invaluable either for display or cutting and are hardy with protection.

Being almost as hardy as the June Roses, they can be treated in a similar way with regard to pruning.

All strong, American two-year-old field grown plants, \$1.00 each, \$9.00 for 10.

Varieties marked with a star (*) can be supplied in tree form at \$2.50 each.

SUGGESTIONS FOR SPRING PLANTING OF ROSES

The soil should be thoroughly cultivated and a liberal supply of rotted manure added. In planting, dig a hole sufficiently large to accommodate the roots when spread out on the bottom of the hole. In filling in the soil, shake the plant lightly in order that the soil may mix between the roots. Fill in the soil and firm it in order that the plant may be solid. Be sure to see that the lower parts of the lower branches are below the surface of the soil. Do not plant in a mound, the surface should be level. Cut back the branches to within 4 to 6 inches of the surface of the ground. With this treatment the best results may be obtained.

PINK AND ROSE SHADES

Bloomfield Abundance. This rose resembles Cecil Brunner, but is hardier and the blooms are larger. A lovely salmon-pink.

***Columbia.** A large beautiful pink.

Duchess de Brabant. Soft, light rose with heavy shading of amber-salmon.

Florence Pemberton. Creamy white, suffused with light pink.

***Killarney Queen.** A distinct, clear pink.

***Konigin Carola.** Soft satiny rose with heavy markings of silvery white.

***Lady Alice Stanley.** Deep coral rose on the outside of the petals, pale flesh on the inside.

***Lady Ursula.** A very large, smooth flesh pink flower.

La France. The bushes have an erect branching habit and bloom abundantly; bright pink.

***La Tosca.** Color silvery pink with deeper center.

***Los Angeles.** A luminous flame pink, toned with coral and shaded with translucent gold.

Mme. Butterfly. Bright pink apricot and gold. Large buds and flowers.

***Mme. Caroline Testout.** Bright, satiny rose, with brighter center; free flowering.

***Mme. Jules Grolez.** Bright china rose.

Mme. Marcel Delanne. A pale pink or soft rose, shaded with Hydrangea pink.

***Mme. Segond-Weber.** Beautiful rosy salmon.

Marquise de Ganay. A large, silvery pink.

***Miss Cynthia Forde.** Large flowers of deep, brilliant rose pink, with light rosy pink reflex.

Mrs. Geo. Shawyer. Large, perfectly shaped flowers of clear brilliant rose.

***Mrs. Aaron Ward.** The color is a distinct Indian yellow, and as the flowers expand, they shade lighter to the edges.

***Mrs. Ambrose Ricardo.** Deep honey yellow, overlaid brighter yellow, suffused pink.

***Mrs. Arthur Robert Waddell.** The slender, well-shaped buds are of the deepest apricot, paling to orange-salmon as the flower expands.

Mrs. Charles Russell. Well formed flowers of exquisite rosy carmine, with rosy scarlet center.

***Mrs. Wakefield Christie-Miller.** Large, pearly blush, shaded salmon, outside petals vermilion rose.

***My Maryland.** A clear bright salmon-pink.

***Ophelia.** Delicate rose, heavily flushed but opening to a salmon flesh shaded with rose.

***Pharisaer.** The color is rosy white, shading to silvery salmon at center.

***Premier.** A handsome dark pink. The large full blooms are an exquisite pure rose-pink which is very lasting.

***Prince de Bulgarie.** Silvery flesh shading to deeper in center, tinted with salmon and saffron-yellow.

Queen of Fragrance. A lovely shell-pink, tipped with silver; very fragrant.

***Radiance.** Beautiful carmine rose flushed with copper; large, round flowers.

Rose Marie. Clear rose-pink, large and fragrant.

Souvenir de Pres. Carnot. Large globular flowers of an exquisite rosy flesh color, shaded with white at edges of petals.

Prices of any of above varieties. Each \$1.00, 10 for \$9.00.



Roses, Hybrid Tea and Everblooming—Continued

SCARLET, CARMINE AND CRIMSON SHADES

Chateau de Clos-Vougeot. Soft, velvety scarlet opening to a deep crimson.

Colonel Leclerc. Beautiful cherry-red, washed with carmine-lake. Large and globular.

Crimson Queen. The buds are long and pointed, and open into well-formed blooms of velvety crimson.

Ecarlate. A robust grower with brilliant scarlet flowers in great profusion.

Etoile de France. A soft velvety crimson, with a vivid shade of cerise.

***Francis Scott Key.** A glorious rose of blazing red. Perfectly formed, large size, fragrant.

***General McArthur.** Bright crimson; large, free flowering; highly perfumed; very hardy.

***George C. Waud.** Distinct orange red, with fine scent; large, full and well formed; very profuse.

***Gruss an Teplitz.** Brightest scarlet crimson; satiny texture; very free flowering.

***H. V. Machin.** Intensely black-grained, scarlet-crimson blooms carried on rigid flower stalks.

***Jonkheer J. L. Mock.** Carmine, changing to imperial pink. A variety of distinct merit.

***Laurent Carle.** Brilliant, velvety carmine.

Lieutenant Chauré. Clear crimson-red, shaded garnet.

***Mme. Edouard Herriot (Daily Mail Rose).** Coral red, shaded with yellow and bright rosy scarlet, passing to shrimp red.

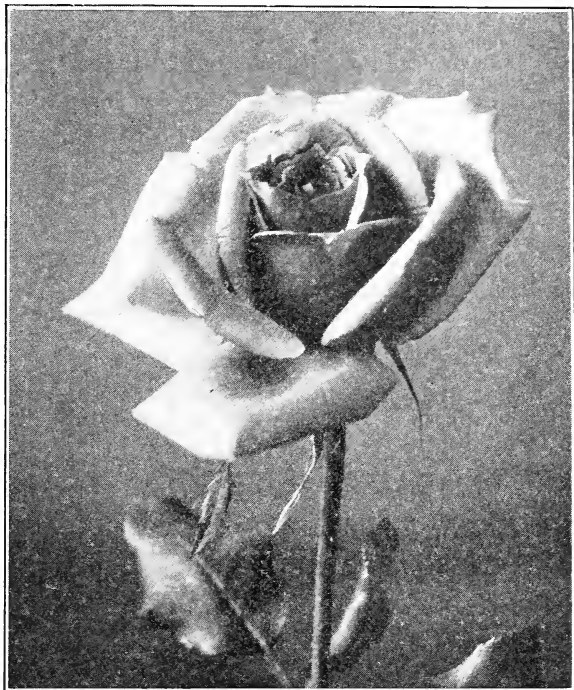
Mary, Countess of Ilchester. Warm crimson-carmine blooms, with large smooth petals.

***Mme. Meha Sabatier.** Very brilliant deep crimson; large, full globular flowers.

***Red Radiance.** Color deep red. The enormous globular flowers are borne on heavy canes.

Red Star. Bright snappy red. Large blooms with wide petals.

Robert Huey. Warm carmine-cerise, with wire edge of delicate pink.



Rose, Mrs. Chas. Russell

PURE WHITE AND WHITE SHADES

Grange Colombe. Soft ivory-white, with salmon-yellow-fawn center.

***Kaiserin Augusta Victoria.** White, shading to primrose. A fine Rose; very vigorous.

***Killarney, Double White.** Very fine form, of pure, delicate appearance.

***Mme. Jules Bouche.** Handsome white blooms, with centers shaded primrose.

YELLOW, SALMON, COPPER SHADES

***Betty.** Flowers ruddy gold; very large.

***Dean Hole.** Silvery carmine, shaded salmon; beautiful shape.

***Duchess of Wellington.** Flowers saffron yellow, which becomes deep coppery yellow as they open.

Golden Emblem. A superb rich yellow and a perpetual bloomer.

***Lady Greenall.** Large finely perfumed flowers of intense saffron-orange.

***Lady Pirrie.** The outside of the petals is deep coppery reddish salmon; the inside flushed fawn.

***Mme. Leon Pain.** Inside of petals light silvery salmon, salmon-pink on outside.

Mme. Ravary. Golden-yellow buds opening to full orange-yellow.

***Mrs. Aaron Ward.** The color is a distinct Indian yellow, and as the flowers expand, they shade lighter to the edges.

***Mrs. Ambrose Ricardo.** Deep honey yellow, overlaid brighter yellow, suffused pink.

***Mrs. Arthur Robert Waddell.** The slender, well shaped buds are of the deepest apricot, paling to orange-salmon as the flower expands.

Nerissa. Creamy yellow, shaded white with tint of peach in center.

Senateur Mascaraud. Full globular flowers of amber-yellow color.

Yellow Ophelia. The center is soft yellow, paling slightly at the outer petals.



Rose, White Killarney

Prices of any of the above varieties, \$1.00 each, \$9.00 for 10.
For New Varieties and Greenhouse Roses, see page 4.

Hybrid Perpetual, or Remontant Roses

These are commonly called the June Roses, owing to their greatest crop being borne in that month. Require hard pruning annually. Our list of varieties is selected with a view to suit all lovers of the Rose who desire the best.

Extra strong, 2-year-old, field grown plants, \$1.00 each, \$9.00 for 10.

All varieties marked with a star (*) can be supplied in standard or tree form at \$2.50 each.

Baroness Rothschild. Superb rose, of rich satiny pink.

***Clio.** Delightful satiny flesh, with pink center.

***Frau Karl Druschki.** Fine snow-white; vigorous grower and very hardy.

***General Jacqueminot.** Brilliant scarlet crimson; superb flower.

***George Arends.** Strong grower with delicate pink flowers.

Harrison's Yellow. Semi-double, bright golden yellow flowers. A handsome sight in the Spring.

Heinrich Munch. Very large, full, soft pink blooms that resemble those of Frau Karl Druschki.

Hugh Dickson. Crimson, shaded scarlet.

***Magna Charta.** Bright pink, suffused with carmine; a beautiful Rose.

Mrs. R. G. Sharman-Crawford. Large flowers of deep, rosy-pink.

***Paul Neyron.** Deep rose; largest of all Roses; fine foliage.

Ulrich Brunner. Bright, cerise red; flowers large.

Dwarf Polyantha Roses

The Polyanthas are a charming class of everblooming Roses, of a dwarf, bushy habit.

Field grown, \$1.00 each, \$9.00 for 10.

Baby Dorothy (Pink Baby Rambler). A delightful flower of bright pink.

Baby Tausendschoen. Pink, changing to rosy-carmine. A delightful bedding Rose.

Cecile Brunner. The small flowers are bright rose, with yellowish center.

Ellen Poulsen. The flowers are large size and brilliant pink in color.

Greta Kluis. A lovely shade of deep carmine-pink, passing to a glowing carmine red.

Jessie. A superb flower of bright cherry-crimson which keeps its color well.

Maman Turbat. China rose, shaded with soft, peach-pink, large flowers.

Mrs. W. H. Outbush. A pleasing shade of peach-pink, very large clusters.

Orleans. Brilliant geranium-red, tinted pink, with creamy white centers.

Perle d'Or. Nankeen yellow, toning to a beautiful orange at the center.

Hybrid Sweetbriar Roses

Catherine Seyton. H. Sb. Soft rosy pink flowers; bright golden stamens.

Flora McIvor. H. Sb. A very dainty small Rose of pure white, with rose; fragrant.

Lady Penzance. Beautiful soft tint of copper, with a peculiar metallic luster.

Lord Penzance. Soft shades of fawn or ecru, passing to a lovely lemon yellow in the center.

Moss Roses

The Moss Roses are very fragrant and bloom profusely in June.

Crested Moss. Pale, rosy pink, beautifully crested.

Red Moss. The color is a clear red, heavily mossed with deep green.

Ramanas Roses (*Rosa rugosa*)

The Rugosas are the hardest of all Roses and are extremely vigorous. They are eminently suitable for Rose hedges or to be used as a shrub.

Conrad Ferdinand Meyer. A clear silvery pink; fragrant; very free flowering and double.

Mme. Georges Bruant. A very fine variety, with semi-double white flowers.

Any of the above Roses, \$1.00 each, \$9.00 for 10.

Climbing and Trailing Roses

This class is easily distinguished by the peculiar habits. They may be grown either on trellis, pergolas or used in covering banks. The Roses in this class mostly flower in clusters.

Strong, 2-year-old plants, \$1.00 each, \$9.00 for 10.

Varities marked with a star (*) can be supplied in tree form at \$3.00 each.

American Pillar. Cherry-pink with a clear white eye surrounding numerous yellow stamens.

Bess Lovett. Resembles Climbing American Beauty in shape of bloom, but is very much brighter in color and more fragrant.

Christine Wright. Large, double flowers of wild Rose pink.

Climbing Kaiserin Augusta Victoria. An excellent Rose of great size. The blooms are waxy white.

Climbing Lady Ashtown. This lovely climber has exquisite flowers of pale carmine-pink, shading to golden yellow at the base.

***Dorothy Perkins** (Hybrid Wichuraiana). Soft light pink, flowers profusely in large clusters.

Dr. W. Van Fleet. The long-pointed buds are of a rich flesh-pink on long stems, vigorous grower.

***Excelsa** (Wichuraiana). Intense crimson, with lighter edges, fine foliage.

Eugene Jacquet. Fragrant cherry-red flowers, borne freely in very large clusters.

***Hiawatha** (Single Wichuraiana). Brilliant scarlet flowers in large clusters; most brilliant and effective.

***Paul's Scarlet Climber.** It is a vivid scarlet, shaded with bright crimson.

Philadelphia Rambler. Mult. Earlier than the Crimson Rambler, glowing crimson.

Silver Moon. Semi-double, pure white flowers with bright yellow stamens; very profuse bloomer.

Tausendschoen (Multiflora). Opening flowers pink, rosy carmine when expanded; clusters very large.

Rose Species

ROSA Hugonis. Fine for shrub planting, as it reaches a height of 6 ft. when fully matured. The long, arching branches are thickly set with the lovely single yellow flowers in May, and it is one of the earliest Roses to bloom. Makes a most spectacular show. Never winterkills. \$1.50 each.

ROSA spinosissima (Scotch Rose). Single. The flowers of this Rose are usually white, sometimes light pink or yellowish, and are generally borne single, but closely arranged along the stems; black fruits. Grows to 3 to 4 ft. high.

ROSA Wichuraiana (Memorial Rose). Single. A handsome Rose for covering banks and rockeries. Fragrant, white flower clusters; half evergreen, glossy foliage.



Flowering and Foliage Shrubs

Please note that the prices below are based upon actual values. Shape, buds and roots are what you want, not merely height. We will send out only plants that are sure to give ultimate satisfaction. We have larger specimen plants, and if ordered, will supply them at proportionate rates.

ACER (Japanese Maple). These dwarf Maples are extremely useful in landscape schemes, for their wonderful coloring and fascinating habit.

japonicum aureum. Foliage shaded in gold, with suffusions of green.

—**antropurpureum.** Foliage deep blood red and deeply cut.

dissectum. Foliage flesh pink.

Prices of above varieties:

1½ to 2 ft., bushy.....	\$2.00 each
2 to 2½ ft., bushy.....	\$3.00 each
3 to 3½ ft., bushy.....	\$5.00 each

ALTHÆA (Rose of Sharon). Strong, erect, growing shrub of symmetrical habit. Very desirable for flowering all Summer.

Double Pink, Purple, Rose or White.

2 to 3 ft.....	.75c. each, \$6.50 for 10
3 to 4 ft.....	\$1.00 each, \$9.00 for 10

AMYGDALUS chinensis alba flore pleno (Double White Flowering Almond).

3 ft.....	\$1.50 each
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—**rosea plena** (Double Pink Flowering Almond).

3 ft.....	\$1.50 each
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ANDROMEDA Catesbæi. A valuable shrub for planting under trees, on the margins of woodland drives and in other shady positions. Flowers are fine white and are borne on long, pendulous racemes, with a characteristic fragrance.

15 to 18 in.....	\$2.00 each, \$17.50 for 10
1½ to 2 ft.....	\$2.50 each, \$22.50 for 10

AZALEA amœna. Evergreen shrub of bushy habit and perfect hardiness. Flowers are of bright rosy purple.

12 to 15 in.....	\$2.50 each
15 to 20 in.....	\$4.00 each

Specimen plants.....\$5.00 to \$10.00 each

Hindogiri. A bright scarlet form of the well-known and charming Azalea amœna.

12 to 15 in.....	\$3.00 each
15 to 18 in.....	\$5.00 each

BERBERIS Thunbergii (Barberry). A beautiful Japan variety of dwarf habit. Small foliage, changing to beautiful red in Autumn.

1½ to 2 ft. 50c. each, 2-3 ft.....75c. each

Box Barberry. A perfectly hardy edging plant.

2 yr. old.....\$2.00 per 10, \$16.00 per 100

3 yr. old plants.....\$3.00 per 10, \$25.00 per 100

BUDDLEIA magnifica (variabilis magnifica).

Purple-lilac flowers borne in long, graceful panicles, commencing to open in mid-Summer and continuing until frost.

2-3 ft.....50c. each

CALYANTHUS floridus (Sweet Scented Shrub).

2-3 ft., 75c. each, 3-4 ft.....\$1.00 each

CERCIS canadensis (Japan Judas Tree, or Red Bud).

2-3 ft.....75c. each, \$7.00 for 10

3-4 ft.....\$1.00 each, \$9.00 for 10

CHIONANTHUS virginica (White Fringe). One

of the most decorative of all the flowering shrubs.

2 to 3 ft. \$1.50 each, 3 to 4 ft.....\$2.00 each

CLETHRA alnifolia (Sweet Pepper Bush).

2½ to 3 ft.....75c. each, \$7.00 for 10

3 to 4 ft.....\$1.00 each, \$9.00 for 10

CORNUS alba sibirica (Red Osier Dogwood),

3 to 4 ft.....75c. each, \$6.00 for 10

florida. Pure snow white flowers.

3 to 4 ft.....\$1.00 each, \$9.00 for 10

4 to 5 ft.....\$1.25 each, \$10.00 for 10

5 to 6 ft.....\$1.50 each, \$12.00 for 10

6 to 8 ft.....\$2.00 each, \$18.00 for 10

—**rubra** (Red Flowering Dogwood). A good bright, pink Dogwood.

2½ to 3 ft.....\$1.50 each, \$13.00 for 10

3 to 4 ft.....\$2.00 each, \$17.50 for 10

4 to 5 ft.....\$3.00 each, \$27.50 for 10

5 to 6 ft.....\$4.00 each, \$35.00 for 10

sanguinea. The well-known red branched Dogwood.

3 to 4 ft.....75c. each, \$6.50 for 10

FLOWERING AND FOLIAGE SHRUBS—Continued

CORYLUS purpurea (Purple-leaved Filbert)
(Hazelnut).

2 to 2½ ft. \$1.50 each. 3 to 4 ft. . . \$2.00 each

CRATÆGUS coccinea (Scarlet Fruited Thorn).

Crus-galli (Cockspur Thorn).

Oxyacantha (English Hawthorn). Single white flowers.

—**alba plena**. Double white flowers.

—**flore rosea plena**. Beautiful pink, double.

W. Paul's Scarlet. Rich brilliant scarlet flowers.

Prices of above varieties:

3 to 4 ft. \$1.25 each. 4 to 5 ft. . . \$1.50 each

5 to 6 ft. \$2.00 each

CYDONIA japonica (Japan Quince).

2½ to 3 ft. 75c. each, \$6.50 for 10

DAPHNE cneorum (Garland Flower). Flowers bright pink.

15 to 18 in. \$1.00 each, \$9.00 for 10

Mezereum (Mezereon Pink).

12 to 15 in. \$1.00 each. 15 to 18 in. \$1.50 each

DEUTZIA crenata fl. pl. Flowers double, pinkish white.

2 to 3 ft. 60c. each, \$5.50 for 10

3 to 4 ft. 75c. each, \$7.00 for 10

gracilis. A fine hardy shrub, forming a round and compact mass of white in June.

1 to 1½ ft. 50c. each, \$4.50 for 10

1½ to 2 ft. 75c. each, \$7.00 for 10

Lemoinei. 2 to 2½ ft. 75c. each

Pride of Rochester. Double white flowers, tinged pink.

2 to 3 ft. 60c. each, \$5.50 for 10

3 to 4 ft. 75c. each, \$7.00 for 10

ELÆGNUS longipes (Silver Thorn). The foliage is bright green above and silvery white beneath.

2 to 3 ft. 75c. each, \$7.00 for 10

3 to 4 ft. \$1.00 each, \$9.00 for 10

EUONYMUS americana (Strawberry Bush) (Spindle Tree, or Burning Bush). An erect growing shrub with slender, green branches.

2 to 3 ft. 75c. each, \$6.50 for 10

3 to 4 ft. \$1.00 each, \$9.00 for 10

alatus. The foliage is fine rose color in the Autumn.

2 to 3 ft. \$1.00 each. 3 to 4 ft. \$1.25 each

FORSYTHIA Fortunei (Golden Bell). Bark bright yellow; blooms in dense masses of golden flowers in April.

suspensa. (Weeping Golden Bell). Somewhat pendulous in habit.

viridissima. Blooms early in Spring, before the leaves appear.

2 to 3 ft. 60c. each, \$5.50 for 10

3 to 4 ft. 75c. each, \$6.50 for 10

4 to 5 ft. \$1.00 each, \$9.00 for 10

HALESIA tetraptera (Silver Bell) (Snowdrop Tree). A beautiful large shrub, with pretty, white, bell-shaped flowers.

2 to 3 ft. \$1.00 each. 3 to 4 ft. \$1.50 each

HYDRANGEA arborescens grandiflora (Hills of Snow). Foliage green, bluish underneath. Flowers June and July.

2 to 3 ft. 75c. each. 3 to 4 ft. \$1.00 each

—**paniculata grandiflora**. This is a grand plant, showy and attractive, lasting in bloom for months.

2 to 3 ft. \$1.00 each, \$9.00 for 10

3 to 4 ft. \$1.25 each, \$11.00 for 10

Standards, 3 yr. head. \$2.00 each

Otaksa. Immense heads of either pink or blue flowers.

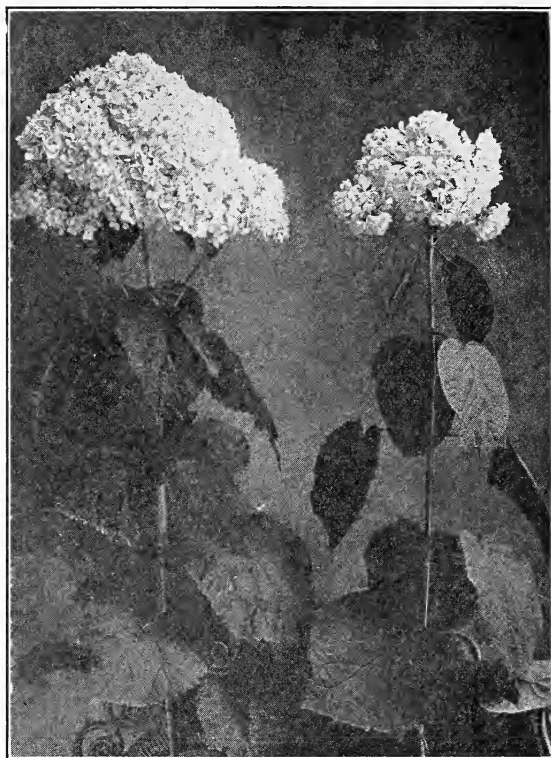
Extra heavy pot grown plants. \$1.00 to \$2.00 each

Plants in tubs. \$4.00 to \$10.00 each

Specimens. \$15.00 to \$25.00 each

French Varieties

Baby Bimbenet. Very dwarf, free, and early; large, compact trusses of silvery rose flowers.



Hydrangea arborescens

HYDRANGEA, French Varieties—Continued

Eclairer. Bright carmine rose.

General de Vibraye. Large; bright rose.

Louis Foucard. Distinct, deep, cheerful reddish carmine.

Mme. Maurice Hamar. Very good pink.

Souv. de Mme. E. Chautard. The most popular, early, free pink.

Pot grown plants. \$1.00 each, \$9.00 for 10

HYPERICUM aureum (St. John's Wort). Flowers of bright yellow, July to August.

Moserianum. Beautiful golden yellow flowers, crimson stamens. Of dwarf habit.

All Hypericums. 50c. each, \$4.50 for 10

ITEA virginica (Virginian Willow). One of the prettiest native shrubs; produces racemes of pure white flowers during June, which have a fragrance not unlike the Pond Lily.

1½ to 2½ ft. 60c. each, \$5.50 for 10

KALMIA latifolia (Mountain Laurel, or Calico Bush).

1½ ft., nursery grown. \$2.50 each

2 ft., nursery grown. \$4.00 each

3 ft., nursery grown. \$6.00 each

LIGUSTRUM amurense (Japanese Privet). Large, oblong, glossy green foliage, half evergreen; grows to 15 ft.

3 to 4 ft. 75c. each, \$6.50 for 10

Ibota (New Japanese Privet). Large, glossy, distinct foliage.

3 to 4 ft. 60c. each, \$5.50 for 10

ovalifolium (California Privet). Vigorous shrub of excellent habit.

3 to 4 ft. 50c. each, \$4.50 for 10

4 to 5 ft. 75c. each, \$6.50 for 10

Globe-shaped, clipped, 2½ ft. \$4.00 each

3 ft. \$5.00 each. 3½ ft. \$6.00 each



FLOWERING AND FOLIAGE SHRUBS—Continued

LIGUSTRUM—Continued

Regelianum. Splendid dense horizontal growing shrub. 1½ to 2 ft. 50c. each, \$4.50 for 10
2 to 2½ ft. 75c. each, \$6.50 for 10

LILACS. See Special List.

LONICERA (Bush, or Upright Honeysuckle).

fragrantissima (Fragrant Upright Honeysuckle). Graceful spreading habit, rich dark green foliage; fragrant flowers.

Morrowii. Pure white flowers; bright red fruit; August till late Fall.

tatarica (Tartarian Honeysuckle). Pink flowers. —**alba** (White Tartarian Honeysuckle).

Prices of all varieties.

2 to 3 ft. 60c. each, \$5.50 for 10
3 to 4 ft. 75c. each, \$7.00 for 10

MAGNOLIA acuminata. A beautiful pyramidal growing tree; large foliage; flowers greenish white. 8 to 10 ft. \$3.00 each

Soulangeana. Flowers white, with purple at base of petals.

3 to 4 ft. \$6.00 each 4 to 5 ft. \$8.00 each

Lennei (Lenne's Magnolia). Foliage large; flowers cup shaped, dark purple.

3 to 4 ft. \$7.00 each 4 to 5 ft. \$10.00 each

MALUS atrosanguinea (Crab). Makes a good head, covered with deep carmine flowers.

floribunda (Profuse Flowering Crab). Forms a shapely bush or small tree; bud warm red, opening to light pink, delicately shaded.

Scheideckeri (Double Flowering Crab). Has fine double flowers of a light rose color.

3 to 4 ft. \$1.50 each 4 to 5 ft. \$2.00 each
5 to 6 ft. \$2.50 each

PACHYSANDRA terminalis. One of the most valuable evergreen shrubs for dense shade.

6 to 9 in. \$2.00 for 10, \$18.00 per 100

PHILADELPHUS coronarius (Common Mock Orange). Flowers pure white and very fragrant. Blooms in June.

2 to 3 ft. 60c. each, \$5.50 for 10
3 to 4 ft. 75c. each, \$6.50 for 10

—**aureus.** Foliage golden yellow; very effective. 2 to 3 ft. \$1.00 each, \$9.00 for 10

grandiflorus. Flowers creamy white, vigorous shrub. 2 to 3 ft. 60c. each, \$5.50 for 10

3 to 4 ft. 75c. each, \$7.00 for 10

PRUNUS pissardii (Purple leaved Plum). Vigorous, upright growth.

3 to 4 ft. \$1.00 each, \$9.00 for 10
4 to 5 ft. \$1.50 each, \$12.00 for 10

triloba (Double Flowering Plum).

2 to 3 ft. \$1.25 each 3 to 4 ft. \$1.50 each

RHODODENDRONS (Hardy Hybrid Varieties). Handsome grouping and border effects can be created by using these charming hybrids.

18 to 24 in. \$6.00 each

24 to 30 in. \$7.50 each

30 to 36 in. \$9.00 each

maximum (Great Laurel). Is admirably adapted to massing, will thrive in shady or exposed positions, and is perfectly hardy. Nursery grown. 2 to 3 ft. \$6.00 each 3 ft. \$7.00 each

3 to 4 ft. \$9.00 each

RHUS cotinus (Sumach) (Purple Fringe, or Smoke Tree). A curious, large growing shrub, forming broad, round headed bushes.

2 to 3 ft. 75c. each, \$7.00 for 10

3 to 4 ft. \$1.00 each, \$9.00 for 10

typhina (Staghorn Sumach).

3 to 4 ft. 75c. each, \$6.50 for 10

4 to 5 ft. \$1.00 each, \$9.00 for 10

—**laciniata** (Fern leaved Staghorn Sumach).

2 to 3 ft. 60c. each, \$5.50 for 10

3 to 4 ft. 75c. each, \$7.00 for 10

RUBUS odoratus (Flowering Raspberry). Clusters of beautiful pink or purple fragrant blossoms all Summer.

2 to 3 ft. 60c. each 3 to 4 ft. 75c. each

SAMBUCUS (Elder). These are large, showy shrubs, ornamental in flower, fruit and foliage; of easy cultivation.

canadensis (Common Elder).

nigra aurea. Golden yellow foliage.

2 to 3 ft. 60c. each, \$5.50 for 10

3 to 4 ft. 75c. each, \$7.00 for 10

SPIRÆA Bumalda. Very handsome; rose colored flowers. Dwarf. 18 in. 75c. each, \$6.50 for 10

Anthony Waterer. Grows dwarf. The brightest colored of all the Spiræas.

1½ to 2 ft. 75c. each 2 to 3 ft. \$1.00 each

opulifolius (Ninebark). Of vigorous growth, with flat clusters of white flowers.

2 to 3 ft. 60c. each, \$5.50 for 10

3 to 4 ft. 75c. each, \$6.50 for 10

prunifolia fl. pl. (Bridal Wreath). Small, double, white flowers, borne close to the branches.

2 to 3 ft. 75c. each 3 to 4 ft. \$1.00 each

Thunbergii. Pure white flowers.

2 to 2½ ft. 75c. each

Van Houttei. Pure white flowers. Tall.

2 to 3 ft. 75c. each 3 to 4 ft. \$1.00 each

STEPHANANDRA flexuosa. The leaves are finely and delicately cut. Flowers are creamy white. 2 to 3 ft. 75c. each 3 to 4 ft. \$1.00 each

STYRAX japonica. Leaves resemble those of the Dogwood; flowers pure white; bell shaped.

2 to 3 ft. 75c. each 3 to 4 ft. \$1.00 each

SYMPHORICARPOS racemosus (Snowberry). Small pink flowers in Summer, followed by large, waxy white berries in Autumn.

2 to 3 ft. 75c. each 3 to 4 ft. \$1.00 each

vulgaris (Coral Berry). Vigorous and quick grower, covered with purple berries all Summer.

2 to 3 ft. 60c. each 3 to 4 ft. 75c. each

SYRINGA (Lilac). See Special Lilac list.

TAMARIX africana (Tamarisk). Strong, growing shrubs, with feather foliage and small, delicate flowers.

2 to 3 ft. 60c. each 3 to 4 ft. \$1.00 each

VIBURNUM. A very popular shrub, known as the Snowball.

dentatum. Curious dentated leaves and greenish white flowers; pretty berries in Autumn.

2 to 3 ft. 75c. each, \$6.50 for 10

3 to 4 ft. \$1.00 each, \$9.00 for 10

Lantana. The large white flower clusters open in May and are followed by red fruits.

2 to 3 ft. 75c. each 3 to 4 ft. \$1.00 each

opulus (High Cranberry). Very fine in flower, and berries are scarlet. Leaves are three-lobed and coarsely toothed.

3 to 4 ft. 75c. each, \$6.50 for 10

4 to 5 ft. \$1.00 each, \$9.00 for 10

plicatum (Japan Snowball). Very handsome, with white flowers; most beautiful and useful of all.

2 to 3 ft. \$1.00 each 3 to 4 ft. \$1.25 each

WEIGELA (Diervilla). A valuable, bold, graceful shrub. Flowers trumpet shaped, varying in color from pure white to dark red.

amabilis. Vigorous and attractive shrub, with light pink flowers.

2 to 3 ft. 75c. each 3 to 4 ft. \$1.00 each

candida. Flowers pure white; strong grower.

2 to 3 ft. 75c. each 3 to 4 ft. \$1.00 each

Eva Rathke. Rich reddish purple.

1½ to 2 ft. 75c. each 2 to 2½ ft. \$1.00 each

rosea. Handsome rose-colored flowers.

2 to 3 ft. 75c. each 3 to 4 ft. \$1.00 each

—**nana variegata.** Leaves variegated with white. 2 to 3 ft. 75c. each, \$6.50 for 10

3 to 4 ft. \$1.00 each

Ornamental Evergreens and Conifers

ABIES concolor (Concolor Spruce). Large, broad, silvery green foliage.

1½ ft. \$3.50 each 2 ft. \$5.00 each
3 ft. \$7.00 each

Nordmanniana (Nordmann's Silver Fir). Horizontal branches, with large, massive, dark green foliage, glaucous underneath.

1½ ft. \$3.00 each 2 ft. \$4.00 each
2½ ft. \$5.00 each

Veitchii (Veitch's Silver Fir). A very rare and beautiful species.

2 ft. \$3.50 each 3 ft. \$6.00 each
4 ft. \$8.00 each 5 ft. \$10.00 each

BOXWOOD (Buxus) sempervirens (Common Tree Box). A large shrub with thick, leathery dark green leaves. Bears shearing well and can be shaped in any form desired.

Bush Form. In various sizes. \$1.00 to \$15.00 each

Pyramids. In various sizes. \$7.00 to \$20.00 each

BOXWOOD EDGING, Dwarf Box. The well-known Box used for edging, and invaluable for that purpose.

3 to 5 in. \$10.00 per 100
5 to 7 in. \$15.00 per 100
8 to 10 in. \$30.00 per 100

CRYPTOMERIA japonica Lobbi. A fine novelty of slender habit; leaves deep green, changing to russet in Fall; perfectly hardy.

3 ft. \$6.00 each 4 ft. \$10.00 each

JUNIPERUS (Juniper) excelsa stricta. Foliage glaucous and arranged around the branches in threes, dense and prickly.

1 ft. \$2.00 each 1½ ft. \$3.00 each
2 ft. \$4.00 each 2½ ft. \$5.00 each

hibernica (Irish Juniper). A distinct and beautiful variety, of erect, dense, conical outline.

1½ ft. \$1.50 each 2 ft. \$2.00 each
2½ ft. \$2.50 each

Pfitzeriana. Very distinct, being of striking, graceful habit; the color bright silvery green; perfectly hardy.

1½ ft. \$3.00 each 2½ ft. \$5.00 each

Sabina (Compact Savin Juniper). Low, trailing habit and fine for massing.

18 in. \$2.50 each 24 in. \$3.00 each

—**tamariscifolia.** A distinct trailing variety.

15 to 18 in. spread. \$2.00 each

virginiana (Red Cedar).

2½ ft. \$2.00 each 3 ft. \$3.50 each
5 ft. \$8.00 each

—**glauca** (Silvery Red Cedar).

3 ft. \$6.00 each 4 ft. \$8.00 each
5 ft. \$10.00 each

PICEA excelsa (Norway Spruce). Leaves dark green; very handsome; of pyramidal, lofty appearance.

2 ft. \$1.50 each 3 ft. \$3.00 each
4 ft. \$4.00 each 5 ft. \$5.00 each

pungens (Colorado Spruce). Leaves bluish.

2 ft. \$2.50 each 2½ ft. \$3.50 each
3 ft. \$4.50 each

pungens glauca Kosteri. The bluest of Blue Spruces.

2 ft. \$9.00 each 2½ ft. \$12.00 each
3 ft. \$15.00 each 4 ft. \$20.00 each

PINUS austriaca (Austrian Pine). A robust, stately tree of rapid growth and very hardy.

2 to 2½ ft. \$3.00 each 3 ft. \$4.00 each
4 to 5 ft. \$6.00 each

Mughus (Dwarf Mugho Pine).

12 to 18 in. diam. \$3.00 each
1½ to 2 ft. diam. \$4.00 each
2½ to 3 ft. diam. \$7.00 each
3 to 4 ft. \$10.00 each

Strobis (White Pine). One of the best native Pines; pale light green foliage.

2½ ft. \$2.50 each 3 to 4 ft. \$4.00 each
4 to 5 ft. \$6.00 each 5 to 6 ft. \$8.00 each

PINUS—Continued

sylvestris (Scotch Pine). Of rapid growth, with strong branches and short, stiff, bluish-green foliage.

2 ft. \$2.00 each 3 ft. \$3.50 each
4 ft. \$6.00 each 5 ft. \$8.00 each

RETINISPORA filifera (Japanese Cedars). Thread branched, dropping branches, bright green; very pretty.

1½ ft. \$3.00 each 2 ft. \$4.00 each
2½ ft. \$5.00 each

—**aurea.** Golden; most attractive.

18 in., bushy shaped. \$5.00 each

obtus. Graceful tree, foliage bright, clear green.

2 ft. \$3.50 each 2½ ft. \$4.00 each
3 ft. \$6.00 each

pisifera (Sawara Cypress). Branches horizontal, with leaves feathery green above, whitish lines beneath.

1½ ft. \$2.50 each 2 ft. \$3.00 each
3 ft. \$6.00 each

—**aurea.** Golden feathery foliage.

1½ ft. \$2.50 each 2 ft. \$3.50 each
3 ft. \$6.00 each

plumosa. Graceful habit.

1½ ft. \$2.50 each 2 ft. \$3.50 each
2½ ft. \$4.00 each 3 ft. \$6.00 each

—**aurea.** Golden foliage.

1½ ft. \$2.50 each 2 ft. \$3.50 each
3 ft. \$5.00 each

—**squarrosa Veitchii.** Light bluish green foliage.

1½ ft. \$2.50 each 2 ft. \$3.50 each
2½ ft. \$4.50 each 3 ft. \$7.50 each

TAXUS baccata repandens (Yew). This is the hardest of all prostrate varieties and will grow in almost any position. It is excellent for hedging, grouping and covering banks.

1½ to 2 ft. diam. \$3.00 each

cuspidata (capitata). This is the only hardy upright growing Yew in the northern states. A fast grower, standing our most severe Winters. Bushy, compact specimens trimmed several times.

1½ to 2 ft. \$3.50 each
2 to 2½ ft. \$6.00 each
2½ to 3 ft. \$8.00 each

cuspidata. Spreading form.

1½ to 2 ft. high, 1½ ft. wide. \$4.00 each
2 to 2½ ft. high, 3 ft. wide. \$7.50 each
2½ to 3 ft. high, 3½ to 4 ft. wide. \$12.50 each

—**nana brevifolia.** Really an excellent Yew, with fine, spreading branches and rich deep green, short leaves. Highly recommended.

15 in. \$2.25 each 1½ ft. \$3.25 each
2 ft. \$5.00 each

THUYA pyramidalis (Pyramidal Arborvitae). A most valuable, upright evergreen, of dense, compact habit. Foliage light green.

2½ ft. \$3.00 each 3 to 4 ft. \$4.00 each
4 to 5 ft. \$5.00 each

occidentalis (Common American Arborvitae).

2 to 2½ ft. \$2.00 each 3 ft. \$3.00 each
4 to 5 ft. \$5.00 each 5 to 6 ft. \$7.00 each

—**Wareana occidentalis sibirica** (Siberian Arborvitae). Large, bold, glaucous green foliage.

2 ft. \$2.50 each 2½ ft. \$3.00 each

TSUGA canadensis (Common Hemlock). One of the most handsome and graceful evergreens.

2 to 2½ ft. \$3.50 each 2½ to 3 ft. \$4.50 each
3 to 4 ft. \$6.00 each 4 to 5 ft. \$9.00 each



Ornamental and Shade Trees

ACER dasycarpum (White or Silver-leaved Maple). Large sized tree; rapid grower.

10 to 12 ft., 1½ in. diam.....	\$2.00 each
12 to 14 ft., 2 in. diam.....	\$3.50 each
14 to 16 ft., 2½ in. diam.....	\$6.00 each

—**Wieri laciniatum** (Wier's Cut-leaved Silver Maple). Very beautiful variety, with delicately cut leaves and graceful drooping branches.

10 to 12 ft., 1½ in. diam.....	\$3.00 each
12 to 14 ft., 2 in. diam.....	\$5.00 each
14 to 16 ft., 2½ in. diam.....	\$7.00 each

platanoides (Norway Maple). Vigorous growing tree, of spreading rounded form.

10 to 12 ft., 1½ in. diam.....	\$3.50 each
12 to 14 ft., 2 in. diam.....	\$6.00 each
14 to 16 ft., 2½ in. diam.....	\$8.00 each

saccharinum (Sugar, or Rock Maple). Of vigorous growth; more or less pyramidal form.

10 to 12 ft., 1½ in. diam.....	\$2.50 each
12 to 14 ft., 1¾ in. diam.....	\$4.50 each
13 to 15 ft., 2 in. diam.....	\$6.00 each

ÆSCULUS Hippocastanum (European White Flowering Horse Chestnut). A compact, handsome tree. Foliage appears very early in Spring.

8 to 10 ft., 1¾ in. diam.....	\$4.00 each
10 to 12 ft., 2½ in. diam.....	\$7.00 each

BETULA alba (European White Birch). Rapid grower. Bark silvery white; branches spray-like.

6 to 8 ft.	\$1.50 each
8 to 10 ft.	\$2.25 each

papyracea (Paper, or Canoe Birch). Handsome tree; tall growing. Leaves large; bark silvery white.

6 to 8 ft.	\$2.25 each
8 to 10 ft.	\$3.25 each

CATALPA Bungei. A rapid growing tree, with a dense mass of large, heart-shaped light green leaves. Excellent for formal effects. Handsome, globe-headed standards.

Stems, 5 to 6 ft., heads 1½x2 ft.....	\$3.00 each
Stems, 6 to 7 ft., heads 1½x2 ft.....	\$4.00 each
Stems, 7 to 8 ft., heads 2x2 ft.....	\$5.00 each

FAGUS sylvatica (European, or English Beech).

3 to 4 ft.	\$2.00 each
4 to 5 ft.	\$3.00 each
5 to 6 ft.	\$4.00 each

sylvatica pendula (Weeping Beech).

6 to 8 ft.	\$6.50 each
10 to 12 ft.	\$10.00 each

—**purpurea** (Purple-leaved Beech).

3 to 4 ft.	\$2.50 each
4 to 5 ft.	\$4.00 each
5 to 6 ft.	\$6.00 each

FRAXINUS americana (White Ash). A splendid tall growing tree.

10 to 12 ft., 1½ in. diam.....	\$2.50 each
12 to 14 ft., 2 in. diam.....	\$3.50 each

GINKGO biloba (Salisburia adiantifolia) (Maidenhair Tree). A remarkable tree of spreading growth in age. Deep green, thick leaves, similar in shape to those of the Maidenhair fern. Rapid grower and very hardy.

8 to 10 ft.	\$3.00 each
10 to 12 ft.	\$4.00 each
12 to 14 ft.	\$5.00 each

LIRODENDRON tulipifera (Tulip Tree). A noble-looking pyramidal tree, with clean trunk. Leaves are alternate and have long stalks.

6 to 8 ft.	\$2.25 each
8 to 10 ft.	\$3.50 each
10 to 12 ft.	\$4.50 each

MORUS pendula (Teas' Weeping Mulberry). A beautiful, hardy, ornamental tree; forms a perfect umbrella-shaped head.

5 to 7 ft., 1-yr. heads.....	\$2.50 each
5 to 7 ft., strong, 2-yr. heads.....	\$3.50 each

PAULOWNIA imperialis (Empress Tree). A tree with immense leaves and decidedly tropical appearance, bearing very large panicles of blue trumpet-shaped flowers.

6 to 8 ft.	\$3.00 each
8 to 10 ft.	\$4.00 each

PLATANUS orientalis (Oriental Plane). A superb tree of gigantic proportions, extensively used in Europe for park, street and avenue planting.

8 to 10 ft., 1½ in. diam.....	\$2.00 each
10 to 12 ft., 1½ in. diam.....	\$3.00 each
12 to 14 ft., 2 in. diam.....	\$4.00 each
14 to 16 ft., 2½ in. diam.....	\$6.00 each

POPULUS carolinensis, syn. **monilifera** (Carolina Poplar). Rapid grower; very valuable for screening.

9 to 10 ft.	\$1.25 each
10 to 12 ft.	\$1.75 each
12 to 14 ft.	\$2.50 each
14 to 16 ft.	\$4.00 each

fastigiata, or **dilatata** (Lombardy, or Italian Poplar). An ornamental and picturesque tree.

8 to 10 ft., 1 in. diam.....	\$1.25 each
10 to 12 ft., 1½ in. diam.....	\$1.75 each
12 to 14 ft., 1¾ in. diam.....	\$2.50 each
13 to 15 ft., 2 in. diam.....	\$3.50 each

QUERCUS americana rubra (American Red Oak). Beautiful tree of rapid growth.

8 to 10 ft., 1½ in. diam.....	\$4.00 each
10 to 12 ft., 2 in. diam.....	\$6.00 each

palustris (Pin Oak). A superb and very distinct tree, with graceful drooping branches.

8 ft., 1¼ in. diam.....	\$3.00 each
8 to 10 ft., 1½ in. diam.....	\$4.00 each
10 to 12 ft., 2 ft. diam.....	\$6.00 each
12 to 14 ft., 2¼-in. diam.....	\$7.50 each

SALIX babylonica (Babylonian, or Weeping Willow). A well-known and graceful variety.

6 to 8 ft.	\$1.25 each
8 to 10 ft.	\$1.75 each
10 to 12 ft.	\$2.50 each

Caprea (Pussy Willow).

3 to 4 ft.	75c. each
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elegantissima (Thurlo's Weeping Willow). Long spreading branches, beautifully drooping.

6 to 8 ft.	\$1.25 each
8 to 10 ft.	\$1.75 each
10 to 12 ft.	\$2.50 each

SORBUS aucuparia (Mountain Ash). A fine tree, dense and regular; covered all Summer with great clusters of scarlet berries.

6 to 8 ft.	\$2.00 each
8 to 10 ft.	\$2.50 each

pendula (Weeping Mountain Ash).

6 ft. stems, 2-yr. heads.....	\$3.50 each
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TILIA argentea (White, or Silver Linden) Distinct ornamental shade tree.

8 to 10 ft., 1½ in. diam.....	\$3.50 each
10 to 12 ft., 1¾ in. diam.....	\$4.50 each
12 to 14 ft., 2 in. diam.....	\$6.00 each
14 to 16 ft., 2½ in. diam.....	\$8.00 each

platyphyllos (Broad-leaved European Linden).

8 to 9 ft., 1¼ in. diam.....	\$2.75 each
9 to 10 ft., 1½ in. diam.....	\$3.50 each
10 to 12 ft., 1¾ in. diam.....	\$4.00 each
12 to 14 ft., 2½ in. diam.....	\$7.50 each

vulgaris (European Linden).

9 to 10 ft., 1½ in. diam.....	\$3.50 each
10 to 12 ft., 1¾ in. diam.....	\$4.50 each
12 to 14 ft., 2 in. diam.....	\$6.00 each
14 to 16 ft., 2½ in. diam.....	\$7.50 each
Specimens.....	\$10.00 to \$20.00 each

ULMUS americana (American White, or Water Elm). Very tall growing and stately.

8 to 10 ft., 1¼ in. diam.....	\$2.25 each
10 to 12 ft., 1½ in. diam.....	\$3.50 each
12 to 14 ft., 2 in. diam.....	\$5.00 each

montana pendula (Camperdown Weeping Elm).

5 to 7 ft., 1 yr. heads.....	\$3.00 each
5 to 7 ft., 2 yr. heads.....	\$4.00 each

FRUIT TREES

Planting.—Make the holes large enough to admit the roots without cramping or bending, and deep enough to set the trees to their natural depth. Fine surface soil should be used for covering the roots, and this should be carefully mixed among them. If the ground is dry, it is well to pour in some water when the hole is partially filled. See that the ground is firmly and solidly packed over all parts of the roots. Fill the holes full enough to be even with the surrounding surface after the fresh earth settles. Never use manure in contact with the roots.

APPLES

SUMMER VARIETIES

- ***Early Harvest.** Medium, yellow.
- ***Red Astrachan.** Small, red.
- ***Yellow Transparent.** Large, yellow.

- ***Baldwin.** Medium, red.
- Greening.** Large, greenish.
- King.** Large, red.
- McIntosh.** Large, red.

Prices on above standard trees, 1-in. diameter, \$2.00 each; 1¼-in., \$3.00 each; 1½-in., \$4.00 each; larger specimens, \$6.00 to \$10.00 each.

Varieties marked with a star (*) can be supplied in Dwarf trees at the above prices.

FALL VARIETIES

- ***Farmeuse.** Medium, black red.
- Gravenstein.** Large, yellow and red.
- ***Oldenburg.** Large, red striped.

WINTER VARIETIES

- ***Northern Spy.** Medium crimson.
- ***Peasgood Nonsuch.** Large, red.
- Russet.** Medium, russet.
- ***Spitzenburg.** Large, red.

PEARS

- ***Bartlett.** Large, early.
- ***Beurre d'Anjou.** Large, late.
- Comice.** Very large, late.
- Duchess.** Large, late.

- Louis Bonne.** Large, early.
- Kieffer.** Large, late.
- Seckel.** Small, late.
- Beurre Diel.** Very large, late.

Prices on above standard trees, 1-in. diameter, \$2.00 each; 1½-in., \$3.00 each; 2-in., \$5.00 each.

Varieties marked with a star (*) can be supplied in Dwarf trees at the above prices.

CHERRIES

- Black Tartarian.** Sweet, late June.
- May Duke.** Dark red, sour. June.

- Montmorency.** Red, sour. June.
- Napoleon.** Yellow, sweet. July.

Prices, 1-in. diameter, \$2.00 each; 1¼-in. diameter, \$3.00 each.

PEACHES

- Belle of Georgia.** White Freestone. July.
- Champion.** White Freestone. Aug.
- Stump of the World.** White Freestone. Sept.
- Mountain Rose.** White Freestone. Aug.

- Early Crawford.** Yellow Freestone. Aug.
- Late Crawford.** Yellow Freestone. Aug.
- Elberta.** Yellow Freestone. Aug.
- Carmen.** White Freestone. Aug.

Prices of above, ⅝-in. diameter, 75c. each; ¾-in. diameter, \$1.00 each.

PLUMS

- Bradshaw.** Large, dark red. August.
- Coes Golden Drop.** Large, yellow, late.

- Damson.** Small, purple. Sept.
- Lombard.** Medium, violet. Sept.

Prices of above, 1¼-in. diameter, \$2.00 each; 1½-in. diameter, \$3.00 each.

QUINCES

- Champion.** Yellow. November.

- Orange.** Golden. November.

Prices of above, ⅝-in. diameter, \$1.50 each; ¾-in. to 1-in. diameter, \$2.00 each.

NUTS

- Butternut.** 4-6 ft., \$1.50; 6-8 ft., \$2.00; 8-10 ft., \$3.50.
- Chestnut (American).** 3-4 ft., \$1.25.
- Hickory.** 4-5 ft., \$2.00.

- Pecan.** 3-4 ft., \$1.50; 4-6 ft., \$2.00.
- Walnut, Black.** 3-4 ft., \$1.50; 4-6 ft., \$2.00.
- Walnut, English.** 3-4 ft., \$2.00.
- Walnut, Japan.** 4-6 ft., \$2.00; 8 ft., \$3.00.

Deciduous Hedge Plants

BERBERIS Thunbergii (Japanese Barberry). 9 to 12 in., 2 year old, 25 for \$6.00, 100 for \$20.00; 12 to 18 in., 3 year heavy, 25 for \$11.00, 100 for \$40.00; 18 to 24 in., 2 year old, 25 for \$11.00, 100 for \$40.00; 18 to 24 in., 3 year heavy, 25 for \$16.00, 100 for \$60.00.

LIGUSTRUM Iboia (New Japanese Privet). Large, glossy, distinct foliage. 1½ to 2 ft., bushy, 25 for \$5.50, 100 for \$20.00; 2 to 3 ft., bushy, 25 for \$7.00, 100 for \$25.00; 3 to 4 ft., bushy, 25 for \$10.00, 100 for \$35.00.

ovalifolium (California Privet). Large, glossy, dark green foliage; one of the most popular hedge plants. Rugged and enduring in almost any situation; retains its foliage until late in Winter. 1½ to 2 ft., bushy, 25 for \$2.50, 100 for \$8.00; 2 to 3 ft., bushy, 25 for \$3.50, 100 for \$12.00; 3 to 4 ft., bushy, 25 for \$4.00, 100 for \$15.00.

amurense (Amoor River Privet). Large, oblong, glossy green foliage and clusters of white, fragrant flowers; half evergreen. A variety of sterling merit; useful for hedges. 2 to 3 ft., 25 for \$7.00, 100 for \$25.00, 3 to 4 ft., 25 for \$11.00, 100 for \$40.00.



SMALL FRUITS

BLACKCAPS

Black Diamond. Very large; ripens early; very sweet and of fine flavor. Pulpy, few seeds.

Cumberland. Very large, glossy berries; firm, juicy and sweet. Heavy cropper.
\$1.25 for 10, \$8.00 for 100.

BLACKBERRIES

Eldorado. Medium size; jet-black; pleasant, melting flavor, sweet and rich. The vine is very hardy and productive.

Kittatinny. Large; glossy black; sweet and juicy; excellent when fully ripe; fine for dessert or preserving.

Strong plants, \$1.25 for 10, \$8.00 per 100.

CURRENTS

Black Champion. Bush vigorous and productive. A desirable variety for general culture.

Cherry. Bush vigorous, stocky and compact; fruit large; color bright red; berry thin-skinned, juicy and fine flavored.

Fay's Prolific. A popular red Currant; very large and sweet. Productive.

Perfection. Bush vigorous, hardy and very productive; berries larger than Cherry, with large clusters; color bright red.

White Grape. An excellent white variety; of large size; very sweet.
Strong, 2-year-old bushes, 45c. each, \$4.00 for 10.

GOOSEBERRIES

Josselyn. Large red fruit.

Smith's Improved. Fruit greenish yellow.

Triumph. Fruit golden yellow.

2-year-old bushes, 50c. each, \$4.50 for 10.

Grapes

BLACK GRAPES

Campbell's Early. Handsome black berries, with purple bloom; rich.

Concord. Fine black variety; splendid flavor; reliable and productive; one of the most popular.

Hubbard. See page 3.

Moore's Early. Bunch medium; berry very large, with heavy blue bloom; good quality.

RED AND REDDISH PURPLE GRAPES

Agawam. Large bunches; red berries, tender and juicy. Good bearer. Ripens early.

Brighton. Flesh rich, sweet and of the best quality; ripens early, with the Delaware. Very productive.

Caco. See page 3.

Catawba. Bunches large and loose; berries large coppery-red, becoming purple when well ripened.

Moyer. Cluster has large berries and ripens early; of sweet and delicious flavor. Tender and juicy.

WHITE GRAPES

Duchess. Bunch medium to large, long and compact; berries medium, roundish; skin thick, greenish yellow when ripe, juicy and sweet.

Empire State. Bunch large; berry medium to large; flesh tender, sweet and juicy.

Niagara. Bunch medium to large; berry large, roundish, uniform; skin thin, with a thin, whitish bloom; flesh slightly pulpy; tender and sweet.

Extra strong, 3-year-old canes, 50c. each, \$4.50 for 10.

Foreign Pot-Grown Grape Vines

BLACK VARIETIES

Black Hamburg. Berries large, juicy and rich.

Golden Hamburg. Large, oval, golden berries.

Gros Colman. Large bunches of fine berries.

Madrisfield Court. Large berries, rich Muscat flavor.

WHITE VARIETIES

Foster's White Seedling. Full size oval berries.

Muscat of Alexandria. Best white variety. Strong fruiting canes, 2-year-old, \$7.00 each.

LOGANBERRIES

Fruit similar to the Blackberry; color dark bright red; excellent for table and canning. Strong plants, 50c. each, \$4.50 for 10.

RASPBERRIES

Cuthbert. Deep, rich crimson.

Golden Queen. Large, amber-color, firm; fine quality. Remarkably productive.

Herbert. Very large berry and a heavy cropper. It has a distinctly rich flavor and is all meat.

St. Regis (Perpetual). Bright crimson; large berries all through Summer and Fall.

Strong plants, 2-year-old, \$1.25 for 10, \$8.00 per 100.

La France. The giant everbearing red Raspberry. Strong canes, \$6.00 per doz., \$49.00 per 100.

Perpetual Superlative. While this very wonderful variety is as yet little known, the red berries are very large and firm. It is a heavy cropper and bears until frost. \$5.00 for 10, \$45.00 per 100.

Strawberry Plants

For full description see our Special Strawberry List.

Barrymore, Brandywine, Campbell's Early, Gandy, Glen Mary, Hundred Dollar, Joe, McKinley, Marshall, New York, Nick Ohmer, Premier, Success, Stevens' Late Champion.

Layer plants of above, 60c. for 25, \$2.00 per 100.

Chesapeake, Early Jersey Giant, Lupton, Howard No. 17, John H. Cook, William Belt.

Layer plants, 75c. for 25, \$2.50 per 100.

Bushel Basket, Edmund Wilson, St. Martin.

Pearl. Layer plants, \$1.25 for 25, \$4.00 per 100.

EVERBEARING STRAWBERRIES

If planted in Spring, a good crop of fruit will be picked in Fall.

Progressive. \$1.00 for 25, \$3.00 per 100.

Francis, Ideal, Superb. \$1.25 for 25, \$4.00 per 100,

Lucky Boy. \$2.00 for 25, \$6.00 per 100.

WINEBERRIES

A very hardy and vigorous berry. Large clusters of scarlet-wine color fruit. Strong plants, \$1.50 for 10.



HORTICULTURAL TOOLS AND REQUISITES

APRONS, Gardener's Waterproof, with bib; 34 in. long, 26 in. wide. Each \$1.50.

Gardener's Rubber. Each \$2.00; extra heavy, each \$4.00.

ASPARAGUS BUNCHER. Each \$4.75.

ASPARAGUS KNIVES, English. Each \$2.50.

ASPARAGUS KNIVES, American. Each 50c.

AXES, Felling. With handle, \$3.00 to \$4.00.

BASKETS, English Garden. No. 2. Each \$1.25; No. 4, each \$2.00; No. 6, each \$2.50; No. 8, each \$3.75.

BASKETS, Hanging, Wire. Painted, 8 in. 35c., 10 in. 40c., 12 in. 50c., 15 in. 60c., 18 in. \$1.00, 21 in. \$1.35 each.

BASKETS, Orchid. 6 in., each 60c.; 8 in., each 70c.; 10 in., each 90c.; 12 in., each \$1.00.

BASKETS, Rustic Hanging. 10 in. \$2.00, 12 in. \$2.25, 14 in. \$2.50 each.

BELLOWS, Powder.

Small, Single Cone.

Each \$3.00.

Large, Single Cone.

Each \$5.00.

Double Cone.

Each \$6.50.

"JUMBO" POWDER GUN. Each 40c.

BLAKE'S LEVER CLIPS. For fastening Rose wires. Per 1000 \$2.25.

BOXES, Corrugated. Extra strong for shipping cut flowers. Doz. 100

24 in. 8 in. 4 in. \$4.00 \$30.00

28 in. 8 in. 5 in. 5.50 40.00

30 in. 12 in. 6 in. 7.00 50.00

36 in. 12 in. 8 in. 8.00 60.00

48 in. 14 in. 8 in. 9.50 70.00

Extra staples, 25c. per 100.

BOXES, Folding. For cut flowers. Made of strong cardboard. Doz. 100

No. 2 18 in. 5 in. 3 in. \$0.75 \$4.00

No. 5 21 in. 7 in. 3½ in. 1.00 7.00

No. 8 24 in. 8 in. 4 in. 1.50 10.00

No. 11 28 in. 8 in. 5 in. 2.00 14.00

No. 19 36 in. 8 in. 5 in. 2.50 18.00

BROOMS, Birch. For lawns. Each 75c.

Barn or Floor. Corn with rattan center. Each

\$1.60.

Rattan Stable or Push. 16 in., extra quality.

Each \$2.00.

BRUSHES, Flower Pot, Cone Shaped. Made of bristle, wood handle. Each, medium size, \$1.50; large, \$1.75.

BRUSH HOOKS, American. With handle. Each

\$3.00.

BRUSH HOOKS, English. Each \$3.00.

BURLAP. In 36-in., 42-in. or 48-in. widths. Per yd.

15c.

CANES, Bamboo. Doz. 100 1000

Green, 2½ ft., Japanese. \$0.15 \$1.00 \$7.00

Green, 3 ft., Japanese. .20 1.25 10.00

Green, 4 ft., Japanese. .20 1.50 12.00

Green, 5 ft., Japanese. .25 2.00 15.00

Natural, 6 ft., Japanese. .30 2.00 16.00

Natural, 6-9 ft., Domestic. .50 3.00 25.00

Natural, 8-10 ft., Domestic. .40 3.00 25.00

Japanese, heavy, 8 ft. .50 4.00 35.00

Japanese, heavy, 10 ft. .60 5.00 40.00

CARNATION BANDS, Rubber. 30c. per oz.

CARNATION STAPLES. For split Carnations. 1000 30c.

Cokely's Staples. \$1.00 per 1000.

Cokely's Pliers for the above. Each \$3.00.

CARNATION SUPPORTS.

"Model Extension." Doz. 100

Wire, 2 ring. \$1.25 \$7.00

Wire, 3 ring. 1.25 8.00

"Continuous Ring."

See page 83 for particulars.

CELERY BLEACHERS. Waterproof

paper collars, size 6½x13 in. 100

\$4.00. See page 83.

COCOANUT FIBER. Useful for potting. Bag \$4.00.

COTTON BATTING. Large sheets, 40x40 in. Doz. \$1.00.

CORK BARK. For rustic work. Lb. 35c.

CUCUMBER GLASSES, English. Each \$2.50.

CULTIVATORS. (See pages 83, 88, 89.)

DAHLIA STAKES. (See page 79.)

DIBLES. Iron point, with

wood handle, for transplanting.

Small, 50c.; large, 75c.

FLOWER POTS, Standard Earthenware.

Inside Measurements

Size Each Doz. 100 1000

2 in. \$0.02 \$0.20 \$1.30 \$11.50

2¼ in. .02 .25 1.60 15.00

2½ in. .03 .30 2.00 17.00

3 in. .04 .40 2.50 22.00

4 in. .06 .60 4.00 35.00

5 in. .08 .80 6.50 60.00

6 in. .12 1.25 9.00 85.00

7 in. .25 2.50 15.00

8 in. .30 3.00 22.00

9 in. .50 5.00 40.00

10 in. .70 6.00 45.00

12 in. 1.00 12.00 90.00

FLOWER POT SAUCERS, Earthenware.

Size Each Doz. Size Each Doz.

4 in. \$0.03 \$0.30 9 in. \$0.13 \$1.30

5 in. .04 .40 10 in. .15 1.50

6 in. .05 .60 11 in. .20 2.00

7 in. .08 .80 12 in. .25 2.50

8 in. .10 1.10 14 in. .35 3.50

AZALEA POTS.

Wide Deep Each Doz. 100

6 in. 5 in. \$0.12 \$1.20 \$9.00

7 in. 6 in. .25 2.50 15.00

8 in. 7 in. .30 3.00 22.00

9 in. 7½ in. .50 5.00 40.00

10 in. 8 in. .70 6.00 45.00

ROUND BULB or LILY PANS.

Wide Deep Each Doz. 100

6 in. 3 in. \$0.15 \$1.50 \$9.00

7 in. 3½ in. .25 2.50 15.00

8 in. 4 in. .30 3.00 22.00

9 in. 4½ in. .50 5.00 40.00

10 in. 5 in. .60 6.00 45.00

12 in. 6 in. 1.00 10.00 80.00

FERN PANS, Earthenware. Outside Measurements

Width Height Each Doz.

4¾ in. 2½ in. \$0.09 \$0.90

5½ in. 2¾ in. .10 1.00

6¼ in. 2½ in. .11 1.10

7 in. 2½ in. .12 1.20

8 in. 3½ in. .16 1.60

9 in. 3¼ in. .20 2.00

Prices subject to change.

SEED PANS, Square Earthenware. Each Doz.

6x 6 in. \$0.85 \$8.50

8x 8 in. 1.10 10.00

10x10 in. 1.35 13.50

12x12 in. 1.75 17.00



HORTICULTURAL TOOLS AND REQUISITES—Continued

NEPONSET WATERPROOF PAPER FLOWER POTS. Made of waterproof paper and are light, clean and unbreakable.

	Doz.	100	1000
2¼ in.....	\$0.10	\$0.60	\$5.50
2½ in.....	.10	.70	6.00
3 in.....	.15	1.00	8.00
3½ in.....	.15	1.20	11.00
4 in.....	.25	1.60	14.00
5 in.....	.40	2.20	20.00
6 in.....	.60	3.00	26.00

**FLOWER POT SAUCERS**

Indurated Wood Fibre. Very light and durable. Not porous and will protect tables on which plants stand.



	Each	Doz.		Each	Doz.
5 in.....	\$0.45	\$4.50	12 in.....	\$0.75	\$7.50
6 in.....	.50	5.00	14 in.....	1.00	10.00
7 in.....	.55	5.50	16 in.....	1.70	17.00
8 in.....	.60	6.00	18 in.....	2.00	20.00
10 in.....	.70	7.00	20 in.....	2.50	25.00

FLOWER POT ROLLING STANDS. For heavy plants. Platforms are indurated fibre ware; will not soak or rust. Casters have ball bearings.

Outside diam.	Inside diam.	Each
12 in. 4 casters	10 in.....	\$1.25
14 in. 4 casters	12 in.....	1.50
18 in. 4 casters	16 in.....	2.50
22 in. 5 casters	20 in.....	3.00

FLOWER VASES, Indurated Wood Fibre. Inside measurements.

No.	Diam.	Deep	Each	Doz.
0	8	13.....	\$2.00	\$20.00
1	5½	10.....	1.75	18.00
2	4½	9.....	1.65	17.00
3	4	6.....	1.50	15.00
4	3	4½.....	1.30	12.50
00	9	22.....	6.00	65.00
01	7	20.....	3.50	36.00
11	5½	18.....	2.25	23.00
22	4½	15.....	2.15	22.50



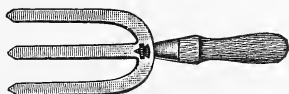
MAYTREE FLOWER POT SAUCERS. These are moisture proof, unbreakable and a reddish-brown color.

	Each	Doz.		Each	Doz.
4 in.....	\$0.18	\$1.75	11 in.....	\$0.75	\$7.00
10 in.....	.60	6.00	12 in.....	.85	8.50

**FORKS.**

	Each
Digging or Spading, "Keen-Kutter."	
4-tine, long or short handle.....	\$2.25
English, 4 square tine, short handle.....	3.25
Best Steel. 4-tine, long or short handle.....	2.00
5-tine, short handle.....	2.50
Manure. 4-tine, short handle.....	2.00
5-tine, short handle.....	2.25
4-tine, long handle.....	2.00

Transplanting.
"Keen Kutter"
 Polished Steel.
 Each \$1.25,



English. 4 prong, socket handle.....\$1.50
"Oak Leaf." Best steel, 3 prong. Each 75c.

Transplanting. Malleable. Each 35c.

FRUIT PICKERS. Galvanized Wire, "Peerless." Each 75c.

FUMIGATOR, "EUREKA," For fumigating with tobacco stems.

No. 2, holds 1 pk. stems.....\$3.25
 No. 3, holds ½ bus. stems..... 4.00

FUMIGATING LAMP, "Defiance." For nicotinic, nico-fume liquid, etc. No glass, burns kerosene oil. \$1.00.

FUMIGATOR, SULPHUR, Campbell's Patent. Designed to vaporize sulphur in greenhouses without danger of the sulphur taking fire or disfiguring the foliage.



No. 1, for houses up to 5,000 cu. ft., each \$7.50.
 No. 2, for houses up to 10,000 cu. ft., each \$9.00.

FUMIGATOR, X. L. Lamp and stand, \$2.00.
 Glass lamps, separate, each 60c. Extra wicks, each 10c.

GARDENER'S GLOVES. Per pair, \$2.00.

GARDEN LINES. Finest braided hemp. 100 ft. \$1.75, 200 ft. \$3.50.

GARDEN REELS for above of wrought iron. Small \$1.75; large \$3.00.

GARDEN PENCILS. Indelible black. Each 15c.

GLASS**CUTTERS.**

"Red Devil." No. 24, 20c.; No. 23, 25c.; No. 3, in 1, 40c.; No. 6, 45c., 6 extra cutters 75c.

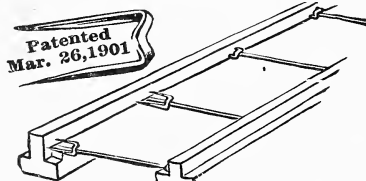
Diamond. High quality finish. Each \$6.00.

GLASS FOR GLAZING SASH. Box of 50 sq. ft. Market price.

GLASS CLOTH. For using on hotbeds or sash in place of glass. 36 in. wide, 1 to 10 yards, 40c. per yard; 11 to 25 yards, 35c. per yard; 25 to 50 yards, 34c. per yard; 50 to 100 yards, 33c. per yard.

GLAZING POINTS, Zinc. ⅝ in. or ¾ in. Box 60c.

"PEERLESS" GLAZING POINT
 (Improved Van Reyper.)



GLAZING POINTS, Peerless, 1000 80c.

GLAZING POINT PLIERS for the above. Each 60c.

GRAFTING WAX. For grafting cuts and bruises on trees. ¼ lb. 15c., ½ lb. 25c., lb. 40c.

GRAFTING TOOL. Best forged steel. Each \$1.25.

Mallet, to use with the above. Each \$1.50.

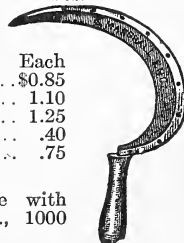
GRASS EDGING KNIVES. See knives.

GRASS HOOKS
 or **SICKLES.**

	Each
Best English welded back.	
No. 1, small.....	\$0.85
No. 2, medium.....	1.10
No. 3, large.....	1.25
Imported, small size.....	.40
American, large size.....	.75

GRASS SHEARS. See Shears.

GRAPE BAGS, Paper. Made with patent metal clasp. 100 75c., 1000 \$6.00.



HORTICULTURAL TOOLS AND REQUISITES—Continued

HAMMERS, GARDEN. With claw. Each \$2.00.
HATCHETS. With claw. Each \$2.50.

HAY-CKOCK COVERS. Made with waterproof sheeting, 72x72 in. Each \$1.75, doz. \$20.00.

HEDGE TRIMMER. See page 96.

HOES, DRAW. With handles. 5 in. \$1.00, 6 in. \$1.10, 7 in. \$1.20, 8 in. \$1.30.

HOES, SCUFFLE, or DUTCH. English make. Handles, 50c. extra.

4 in....\$1.00	8 in....\$1.40
5 in.... 1.10	9 in.... 1.50
6 in.... 1.20	10 in.... 1.60
7 in.... 1.30	12 in.... 1.75



HOES, American Scuffle. 7 in. with handles, \$1.35.

HOES, WARREN. Heart-shaped, \$1.75.

HORSE BOOTS. For lawns; made of heavy leather. Medium size, set of four, \$18.00; large size, \$20.00.
Baker's Metal. See page 93. \$10.00.

HOSE BANDS. Made of brass wire. For putting on couplings. Doz. 35c.

HOSE PLIERS for the above. Each 50c.

HOSE CLAMPS. Bolt pattern. Doz. 60c.

HOSE COUPLINGS. Brass for $\frac{1}{2}$ in. or $\frac{3}{4}$ in. hose. Each 30c.

Clincher Style. $\frac{1}{2}$ in. or $\frac{3}{4}$ in. Each 40c.

HOSE CONNECTION. Goose neck for connecting hose to faucet. Each \$1.00.

HOSE CONNECTION. Siamese for connecting two leads of hose. Each \$2.25.

HOSE HOLDER, "The Simplex." For holding the hose on lawns or borders. Each \$1.25.

HOSE HYDRANT ATTACHMENT. Used for connecting hose to smooth faucets. Brass, each 75c.

HOSE MENDERS. Each Doz.

"Cooper's." Brass, $\frac{1}{2}$ or $\frac{3}{4}$ in....\$0.15 \$1.50

"The Perfect Clinching." $\frac{3}{4}$ in.... .20 1.50

HOSE NOZZLES.

"Gem," or **"Graduating,"** $\frac{3}{4}$ -in. hose. Can be regulated to give three different streams. Each 90c.



"The Boss." Spray or stream, with shutoff. Each \$1.10.

"Fairy Spray" Pipe. A spray, stream or shutoff combined. All brass. Each \$1.25.

HOSE NOZZLE, Hose Rose. Made with brass for $\frac{3}{4}$ -in. hose. Each \$1.50.

"Hose Rose," or **"Boston Spray."** With coarse or fine spray, for $\frac{3}{4}$ -in. hose. Each \$1.25.

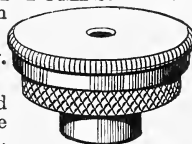
"Newport or Knox." Fine for spraying under the foliage or sprinkling. Each \$1.50.

Stott's. A favorite among Rose growers. Single, each \$1.75, double \$3.00.

HOSE NOZZLES FOR SPRAY PUMPS. **"Bordeaux,"** Adjustable. Each \$1.35.

"Vermorel." A fine spray. Each \$1.15.

"Shower." Will not clog and does the work without waste of material and time. $\frac{3}{4}$ -in. thread pipe. Each \$1.35.



(See cut).

Kant Clog Nozzle. Each \$1.10.

Mystry, Jr. A fine spray. Each \$1.25.

HOSE, RUBBER.

	Per foot
"Marshall." $\frac{1}{2}$ in., non-kinkable.....	\$0.18
"Marshall." $\frac{3}{4}$ in., non-kinkable.....	.20
"Electric." $\frac{1}{2}$ in.....	.22
"Electric." $\frac{3}{4}$ in.....	.23
Special Spray Pump. $\frac{1}{2}$ in.....	.30

HOSE WASHERS. $\frac{3}{4}$ in. Doz. 10c., 100 50c.

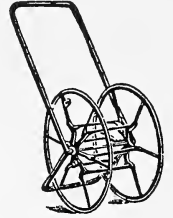
HOSE REELS. Made with tubular iron; strong and durable.

No. 10. For 100 ft., $\frac{3}{4}$ in. hose. Each \$6.00.

No. 20. For 150 ft., $\frac{3}{4}$ in. hose. Each \$6.75.

No. 30. For 500 ft., $\frac{3}{4}$ in. hose. Each \$13.00.

HOSE REELS, Wooden. Each \$2.50.



HYACINTH STAKES. Dyed green.

12 in. long.....100 35c., 1000 \$3.00.

18 in. long.....100 40c., 1000 \$3.50.

KNIVES, ASPARAGUS, American. Each 50c.

KNIVES, ASPARAGUS, English. Each \$2.50.



KNIVES, CORN. Forged steel. Each 75c.



KNIVES, BUDDING.

American. Round point.....Each \$1.50

American. Two blades, brass lined..... 2.00

English. Round point..... 4.50

English. Sharp point, No. 204..... 4.50

English. Sharp point, brass cap. No. 204B.. 6.00

English. Two blades..... 3.00

KNIVES, PRUNING.

American. In different shapes. Each \$1.00 to \$2.25.



Allen's Metal Handle. Each \$1.00.

English. In different sizes. Each \$3.50 to \$5.00.



KNIVES, EDGING.

English. Best steel, handles 50c. extra; 8 in. \$2.75; 9 in. \$2.50.

American. Each 75c.

American. With handles. Each \$1.50.



LABELS, POT and GARDEN, Wooden.

	Plain	Painted
4x5 $\frac{1}{2}$ in.....	100 1000 \$0.15 \$1.25	100 1000 \$0.25 \$1.75
4 $\frac{1}{2}$ x5 $\frac{1}{2}$ in.....	.20 1.50	.30 2.25
5x5 $\frac{1}{2}$ in.....	.25 1.90	.35 2.50
6x5 $\frac{1}{2}$ in.....	.30 2.30	.40 3.00
8x5 $\frac{1}{2}$ in.....	.90 7.00	1.00 8.00
12x1 $\frac{1}{2}$ in.....	1.25 11.00	1.50 13.00

LABELS, TREE, Copper Wired. 3 $\frac{1}{2}$ in. Painted. 100 35c., 1000 \$2.50.

LABELS, HANGING, Celluloid. 3 $\frac{1}{4}$ in. long, $\frac{7}{8}$ in. wide. Doz. 30c., 100 \$2.00.

LABELS, POT, Celluloid. 5 in. long, $\frac{7}{8}$ in. wide. Doz. 60c., 100 \$3.50; 6 in. long by 1 in. wide, doz. 70c., 100 \$5.50.

LABELS, The Simplex. Waterproof Doz. 100
 No. 1. 3x1 $\frac{1}{2}$ in.....\$0.35 \$2.25
 No. 2. 4x $\frac{3}{4}$ in..... .70 4.50
 No. 3. 5x1 in..... 1.00 7.00

LABELS, TREE or GARDEN, Zinc. Per 100:
 No. 1...\$4.50 No. 5...\$4.00 No. 13...\$3.00
 No. 2... 3.50 No. 6... 3.00 No. 15... 2.75
 No. 4... 3.50 No. 7... 2.50 No. 21... 4.00
 Ask for shapes and sizes.

INDELIBLE INK. For above. Bottle 25c.

LADIES' TOOL SETS, "Keen-Kutter." Fork, spade, hoe and rake. Set \$3.50.

LAWN SPRINKLERS. (See pages 98, 99.)

LAWN RAKES. (See Rakes.)

LAWN MOWERS. (See pages 90 to 92.)

HORTICULTURAL TOOLS AND REQUISITES—Continued

LAWN MOWER SHARPENING COMPOUND.

Per can, 60c.

LAWN SWEEPERS. (See page 93.)**LEAF-MOULD.** Pk. 30c.; 1 barrel bag, \$2.00.**LINES.** (See Garden Lines.)**MASTICA.** For reglazing greenhouses. Qt. 90c., gal. \$3.00**MASTICA GLAZING MACHINE.** Each \$3.50.**MATTOCKS.****"Oak Leaf."**

Hoe, 4¼ in.

Cutter, 3 in.

Each \$1.50.

Handles, 60c.

**MATS, FROST-PROOF, Burlap.** These mats are

76 x 76 in. square

and made of strong

burlap filled with

cotton. Each \$3.50,

doz. \$35.00.

Size 40x76 in., each

\$2.50, doz. \$25.00.

**MATS, Hotbed.** Waterproof one side, burlap on other.

40x76 in., each \$3.50, doz. \$36.00; 76x76 in., each

\$5.50, doz. \$60.00.

MATS, Straw. Size 6x6 ft., each \$2.50, doz. \$27.00;

size 3x6 ft. each \$1.50, doz. \$16.00.

MELON NETS. English make. Doz. \$2.50.**MOLE TRAPS.****"New Model."** Each \$3.25.**"The Reddick."** (See cut.) Each \$1.35.**MOSS, SPHAGNUM, LIVE.** For orchids.

Bag \$2.50.

For packing, 5-bbl. bale, \$4.00.

Green, in sheets. Bag \$4.50.

Dyed Green, in sheets. Bag \$6.50.

NAILS, English Wall. 1½ in. Chandler's

patent with lead tip to turn over vine.

Lb. 70c.

Cast Iron. 1½ in. Lb. 10c.**NETTING, Bird** for Strawberry beds, etc.; 20 or 30 ft.

wide. Per lb. \$2.50; 1 lb. will cover 200 sq. ft.

NOZZLES. (See Hose Nozzles.)**OIL CANS.** Brass bottom. 50c.**PAPER, Cream Manila.** 24x36. Lb. 16c.

Tissue. Ream (480 sheets.) 24x36 in. \$2.50.

Waxed Tissue. Ream (480 sheets), 24x36 in., \$3.50.

Coarse. For parceling. Lb. 16c.

Prices of paper are subject to change.**PEAT, Rotted.** 1-bbl. bag \$2.25.**PEAT, Orchard.** 1-bbl. bag \$2.75.**PENCILS, GARDEN.** For labels. Each 15c.**PICK MATTOCKS, "Oak Leaf."**

Hoe 4¼ in.

Pick 8½ in.

Each \$1.50.

Handles 60c.

**PICKS.** Pointed both ends. Each \$1.50, handles 60c.**PLANT PROTECTOR "THE BALL."**

No. 1 size, 9 in. diameter, 12 in. high. Doz. \$5.00.

PLANT PROTECTORS. For Tomato or Egg Plants;

wire with cotton covering. Each 25c., doz. \$2.50.

PLANT SPRINKLERS. (See Sprinklers.)**PLANT STAKES.** Round, green, tapering (light).

	Each	Doz.	100
1½ ft.....	\$0.04	\$0.35	\$2.25
2 ft.....	.06	.60	4.25
2½ ft.....	.08	.80	6.00
3 ft.....	.11	1.10	8.00
3½ ft.....	.13	1.35	10.00
4 ft.....	.17	1.75	12.00

Round, green, tapering (heavy).

4 ft.....	.25	2.25	16.00
5 ft.....	.30	3.00	20.00
6 ft.....	.35	3.50	25.00

Square, green, tapering (heavy).

4 ft.....	.15	1.50	10.50
5 ft.....	.22	2.25	16.00
6 ft.....	.25	2.50	18.00

BEAN POLES. Cedar, pointed, 8 ft. to 9 ft. Doz. \$3.00, 100 \$22.00.**DAHLIA POLES.** Heavy, round, green; tops painted

white. Each Doz. 100

3 ft.....\$0.17 \$1.75 \$12.00

4 ft......20 2.00 15.00

5 ft......27 2.75 20.00

6 ft......32 3.25 25.00

DAHLIA STAKES. Extra heavy. 1 in. square at bottom tapering to ¾ in. at top, painted.

Doz. 100

5 ft.....\$3.00 \$22.00

6 ft..... 3.50 25.00

GALVANIZED WIRE, for Roses, etc. Plain or Anchored. No. 9 wire.

	100	100	100
2½ ft...\$2.50	3½ ft....\$3.50	4½ ft....\$5.00	
3 ft... 3.00	4 ft.... 4.00	5 ft.... 5.50	

PLIERS. Side cutting, 6 in. \$2.00; 7 in. \$2.25.**POST HOLE DIGGER.** Each \$2.50.**POT COVERS.** Strongly made of specially treated fiber-board, waterproofed. Designed to hold standard size flower pots. Each Doz.

No. 4, for 4-in. pot, Wild Roses design...\$0.30 \$3.00

No. 5, for 5-in. pot, American Beauty... .45 4.50

No. 6, for 6-in. pot, Persian Garden.... .60 6.00

No. 7, for 7-in. pot, Arabesque..... .70 7.50

POT HANGERS. Wire. Each 20c., doz. \$2.00.**POTATO HOOKS.** Broad, round prongs. 4-prong \$1.25, 5-prong \$1.50.**POTS.** (See Flower Pots, page 76.)**POWDER DUSTER.** For Slug Shot. Each 80c.**POWDER GUN.****"Duster Brown."** Each \$2.25. (See page 96.)**"Jumbo."** Each 40c.**"Leggett's Little Giant."** Each \$12.00.**"Leggett's Champion Duster."** Each \$16.00.**PRUNER, or Lopping Shears.****"Keen-Kut-**

ter." Hand-

dles 22 in.

C u r v e d

blade. Each

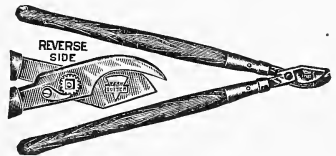
\$3.50.

Eagle Lop-

ping Shear.

20-in. handle.

Each \$1.75.

**Rhodes'.** Cuts on both sides and does not bruise the bark. Length 20 or 26 in. Each \$7.00.**PRUNERS, TREE.****Little Giant Pruner****Hook and****Saw Combined.**

Attaches to pole

of any length.

Each \$3.25.

The Dexter. Two blades 1½ in. wide, with spring and ratchet lever, can be attached to any length pole. No. 2, each \$5.00. (See page 97.)**Waters'.** 8-ft. handle, \$2.75; 10-ft. handle, \$3.00; 12 ft. handle, \$3.25.

Extra blades, 30c. each.

PROTECTING CLOTH. Valuable for protecting early plants from frost. Pieces contain from 40 to 60 yards.**Heavy Grade.** By piece of 50 yds., per yd. 30c.**Medium Grade.** By piece of 50 yds., per yd. 25c.**PUMP, "The Kinney."** For distributing water and liquid manure through the hose at the same time. Each \$2.25.**PUMPS.** (See Spray Pumps, pages 94, 95, 96.)

HORTICULTURAL TOOLS AND REQUISITES—Continued

PUTTIUM. A new glazing cement used in place of putty. Color gray. Gal. can \$2.30.

PUTTY BULB, Rubber. For glazing, \$1.75.

RAFFIA. The best material for tying plants. Per lb. 30c. Green, dyed, lb. \$1.25.

RAFFIA TAPE. Green, on spools of 100 yards. Each \$1.50.

RAKES.

Bamboo, Lawn. Each \$1.75.

Garden. Best steel, 8 teeth, 90c.; 10 teeth, \$1.10; 12 teeth, \$1.20; 14 teeth, \$1.30; 16 teeth, \$1.40; 18 teeth, \$1.50.

Hay. Wooden, 3 bows, 12 teeth, \$1.10.

Lawn. Wooden, 3 steel bows, 22 teeth, \$1.25.

Reversible. Galvanized, 24 teeth, \$1.25.

Lawn, "Olsen." 26 wood teeth, iron brace. Each \$1.10.

Rake and Hoe. A combination tool, \$1.10.

REELS, GARDEN. Each \$1.75 and \$3.00.

RIFLES, EMERY. For sharpening. Each 15c.

ROLLERS. (See page 93.)

RUBBER BANDS. For split Carnations. Oz. 30c.

RUBBER BOOTS, Gardeners and Farmers. State size when ordering. Per pair, hip length, \$7.00, knee length \$5.50.

**SAWS.**

Pruning. Single edge, 16 in., \$1.50; 18 in., \$1.75; 20 in., \$2.25. Double edge, 16 in., \$1.75; 18 in., \$2.00; 20 in., \$2.75.

Double Swivel. Blade 14 in. long. Very useful for pruning. Each \$2.25. Extra blades 35c.

Oak Leaf. 14 in. blade, which can be used at any angle. Each \$2.50. Extra blades 35c.

Crescent Pattern, "Keen-Kutter." 16 in., each \$2.00.

Hand or Pruning, "Keen-Kutter." 20 in. blade, each \$2.25.

SAW FILES. Best make. Each 20c. and 25c.

SASH, HOTBED, Extra Strong.

Unglazed. Made of best cypress. Regular size, 3x6 ft., for using 6x8 in. glass. No. 4, each \$3.50.

Glazed (Packing extra). Size 3x6 ft., using 6x8 in. glass. Painted two coats white. No. 4, each \$6.00.

Glazed. Size 3 ft. 2 in. x 6 ft., using 8x10 in. glass. No. 9, each \$8.50.

Glazed with 10x12 in. double thick glass. Size 3x6 ft. Iron cross bar, No. 11, each \$7.00.

"Sunlight." Double Glass. Glazed with 10x12 in. double, two layers thick glass, painted two coats, white. No. 12, each \$12.00.

Hotbed Frames for Sash. For 2 sash, each \$14.00; for 3 sash, each \$18.00; for 4 sash, each \$22.00; for 5 sash, each \$27.00.

SCISSORS.

Grape or Vine. Best make, 7 in., \$1.50

Flower Gatherers. Best quality. 6 in., \$1.75; 7 in., \$2.00; 8 in., \$2.25.

SCISSORS, PRUNING. English make, 4 in., \$2.25. 5 in., \$2.50.

**SCYTHES.**

Lawn, English. 30 to 34 in., each \$3.50 to \$4.00.

Grass, American. 30 to 40 in., each \$2.50.

Brush or Weed. 18 to 21 in., each \$2.25.

SCYTHE SNATHS (or Handle). Each \$2.00.

SCYTHE STONES, American. Round. Each 30c., doz. \$3.00. Flat, each 25c., doz. \$2.50.

English. Round pointed. Each 35c.

SEEDERS. (See pages 88 and 93.)

SHADING, Lippman's Green. A powder to mix with water. 5 lbs. to gallon. 5 lbs. \$1.75.

Summer Cloud. English shading for greenhouses. ½ lb. pkg. 60c.

SHADE-O. For shading greenhouses. 1 qt. will cover 500 ft. of glass. Qt. can, \$2.25.

SHEARS.

Grass Border.

English (without wheel.)

8 in. \$4.50

9 in. 5.50

10 in. 6.00

American. Without wheel. 9 in., \$3.50.

Grass or Sheep. Best trowel shank. \$1.25.

Grass. Assorted sizes. Each 25c., 50c., 75c.

Hedge. American.

(With notch, 25c.

extra.) 8 in. \$2.50;

9 in., \$2.75; 10 in.,

\$3.00.

Hedge, English Make. 8 in., \$3.00; 9 in., \$3.50; 10 in., \$4.00. With notch, 35c. extra.

Hedge, Serrated Edge. 9 in. \$2.25; 10 in., \$2.50.

Lopping Shears. (See Pruners.)

California

Pattern.

9 in. long

(See cut)

Each \$1.25.

Perfection Pruning. Cuts

on both sides. 6½ in.,

\$3.50; 7½ in., \$4.00;

8½ in., \$4.50; 9½ in.,

\$5.00.



Plucca Pruner. Made to hold the twig that is cut off. \$3.50.

Watch Spring Pruning.

Imported French, 7 in.,

\$3.00; 8 in., \$3.50; 9 in.,

\$4.00.

Watch Spring. American made. 9 in., \$3.75; 10 in., \$4.00.

Ladies' Pruning. 6½ in. Nickel plated, \$1.50.

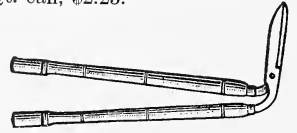
Wiss, Hand Pruning. (Solid Steel). 9 in., \$4.00; 10 in., \$4.50; extra blades, \$1.00 each.

Wiss Pruning No. 109. Blade and handle one piece of steel. 9 in. \$1.50.

SHREDS, Medicated Garden. For nailing on trees, vines, etc. 3 in., 100 60c.; 4 in., 100 75c.

SHOVELS, "Keen-Kutter." Square and Diamond Pointed. Long or short handles. Each \$2.50.

Best Steel, Square or pointed. Each \$1.75.



HORTICULTURAL TOOLS AND REQUISITES—Continued

SIEVES, WIRE. For sifting loam, gravel, etc. $\frac{1}{4}$ in., $\frac{1}{2}$ in., $\frac{3}{4}$ in. mesh, 18 in. in diam., each \$2.50.

SILKALINE, Meyer's Green. Fast color. Spool 50c. Box of 8 spools \$3.50.

Florists' Thread. 2-oz. spools, each 25c., doz. \$2.50.

SMILAX TWINE. Green. Box of 8 balls \$1.00.

SPADES. Best cast steel. Long or short handles. Each \$1.75.

"Keen-Kutter," extra quality, each \$2.50.

SPRAYERS. (See pages 94, 95 and 96.)

SPRINKLERS.

Rubber. Scollay's straight or angle neck. No. 1, 12-oz. size, \$1.75.

Rubber. Red rubber with hard rubber perforated top. Each \$1.00.

The Ideal. Made entirely of metal and fits any bottle; can be used at any angle for insecticides or water. Each \$1.35.

STAKES. (See Plant Stakes and Canes.)

STAKES, HYACINTH. Green. 18 in. long. Doz. 5c., 100 40c., 1000 \$3.50.

STICKS, Match. 18 in. long. 1000 \$3.00.

STYPTIC. To prevent bleeding of vines. Bottles, each \$1.25.

SULPHUR VAPORIZER, Campbell's Patent. (See Fumigators, page 77.)



SYRINGES, GARDEN, Brass.

No. C, length $14\frac{1}{2}$ in., diam. $1\frac{3}{4}$ in., one spray rose and stream. Each \$4.50.

No. 11, length 18 in., diam. $1\frac{1}{2}$ in., two spray roses and one stream. Each \$6.00.

No. 5, length 18 in., diam. $1\frac{1}{2}$ in., two spray roses and one stream, extra heavy and strongly mounted. Each \$8.00.

Goose Necks. For syringes. Each \$1.00.

TARRED FELT DISCS. For Cabbage plants. 100 50c., 1000 \$3.00.

TENNIS NETS. Single court, 27x3 ft. Double court, 36x3 ft., canvas bound. Prices on application.

TENNIS MARKER, No. 0 Dry Marker. For marking tennis courts. \$2.50.

THERMOMETERS.

Mushroom Bed. All metal, each \$3.25; wood, \$2.00.

Brooder, Tycos. Each \$1.00.

Distance Scale. Metal frame. Each \$1.00.

Household. Wood frame. 8 or 10 in., 75c. to \$1.50.

Incubator, Tycos. Each \$1.00.

Japan Tin Case, Metal Scale. 8 in., 90c.; 9 in., \$1.00; 10 in., \$1.10; 12 in., \$1.25.

Maximum Registering. Wood frame. Each \$2.75.

Minimum Registering. Wood frame, each \$2.75.

Porcelain Scale. For conservatory. Each \$1.50.

Self Registering, Tycos. Metal scale. Japanned case, 8 in. size, \$6.50; 10 in. size, \$7.00; 12 in. size, \$8.00.

Self Registering, "Hicks." English make, box-wood scale. 8 in., each \$6.00; 10 in., \$8.00.

Magnets. For self registering. 75c.

TINFOIL. Lb. 30c., violet or green, lb. 75c.

TOOL SETS, "Keen-Kutter." Fork, spade, hoe and rake. Set \$3.50.

TOOTH PICKS. Wired. 1000 75c.

TORCHES, Asbestos. Each 60c.

TOMATO SUPPORTS. Heavy galvanized wire rings. Each 35c., doz. \$3.50.

Adjusto. (See page 97).

TREE CLIMBERS. For attaching to the legs, to climb tall trees. With leather straps. Pair \$4.50.

TREE GUARDS. "Anchor" Expanded Metal. Very strong, steel wire, with three iron supports. Each \$5.00.

TREE SCRAPERS. Large iron with handle. Each \$1.25. Extra blades, 60c.

TROWELS.

Steel. 6 in., 75c.; 7

in., 80c.; 8 in., 90c.

Cast Steel. Ea. 35c.

Cleve's Angle. Large, size, each 25c.

Maynard. Heavy, one-piece steel. Each \$1.10.

Primrose. Iron. Each 15c.

Troweed. A combination trowel and weeder. Each 60c.



TUBS, PLANT. (See page 85.)

TURFING IRONS. English, with handles. Each \$12.00.

TWINE.

Cotton. White, per lb. 60c.

Green Smilax. Box of 8 balls, \$1.00.

Marline (Tarred Twine). Lb. 60c.

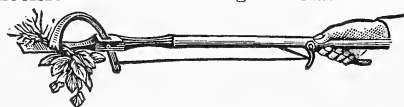
Marline. Small size. Per ball \$1.00.

Hemp. All sizes. Lb. \$1.00.

Jute. Three- or four-ply, for trees. Lb. 50c.

WEEDERS.

"Excelsior." Five-claw fingers. Each 20c.



"Pull-Easy." Can be used easily and without stooping. (See cut.) Each 80c.

"Adjustable." Three Prong (See cut.) Each 60c.

"Eureka." Very useful for garden purposes. Each 60c.

Thistle Spud. English. Each 60c.



The Out-U-Come. A useful tool for pulling Dandelions, etc., from lawns. Each \$1.00.

Daisy Grubber. English. Each \$1.25.

Dandelion Puller. Long or short handle. 70c.



Lawn. For removing docks, dandelion, etc.; can also be used as an Asparagus knife. 50c.

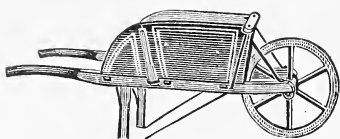


The "Dandy-Lion" Weed Killer. With brass-covered cylinder, brass ball handle, removable base, valve, spring, etc.



For using gasoline or kerosene. Each \$1.25.
Pull-Easy, Jr. A very handy cultivator having four teeth which can be adjusted from 2 in. to 6 in. between with a 4-ft. handle. Each 75c.

HORTICULTURAL TOOLS AND REQUISITES—Continued



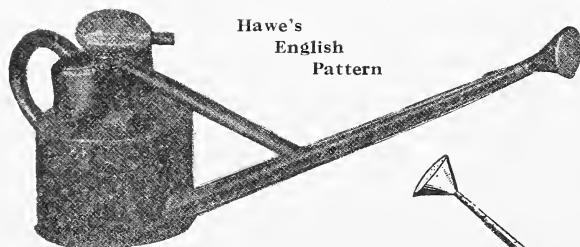
WHEELBARROWS, GARDEN. Small size, No. 3, \$7.50. Medium size, No. 4, each \$8.50. Large size, No. 5, each \$10.00.

WIRE, Annealed for Stemming.

Per lb.
No. 23. Coarse. 18 in. lengths.....\$0.30
No. 26. Coarse. 12 in. lengths......40
No. 34. Fine hair. 12 in. lengths......60

WIRE, Galvanized.

No. 12. Heavy. 100 lbs.....Market price
No. 15. Medium. 100 lbs.....Market price
No. 18. Fine. 12 lbs.....Market price

WATERING POTS

Hawe's English. Valuable for watering fine seeds as well as for all greenhouse and garden work. One very fine and one coarse rose. Made with heavy material, painted red. No. 2, 4 qts. \$5.50; No. 3, 6 qts., \$6.50; No. 4, 8 qts., \$7.00; No. 5, 10 qts., \$7.50.

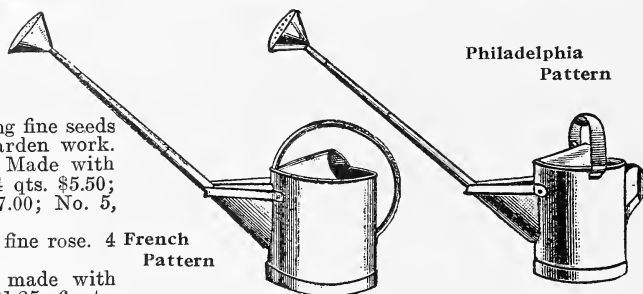
Low, or Strawberry Pattern. One fine rose. 4 French qts., \$3.50.

Galvanized Watering Pot. It is made with heavy galvanized material. 4 qts. \$1.25, 6 qts. \$1.50, 8 qts. \$1.75, 10 qts. \$2.25, 12 qts. \$2.75, 16 qts. \$3.50.

French Pattern. With long spout and brass bow handle. 2 roses. 6 qts. \$5.50, 8 qts. \$6.00, 10 qts. \$6.25, 12 qts. \$6.75.

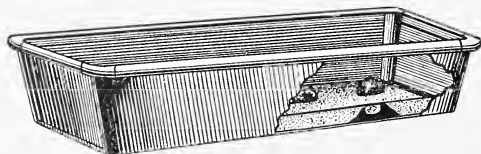
Philadelphia Pattern. With two copper-faced roses. 4 qts. \$4.25, 6 qts. \$5.00, 8 qts. \$5.50, 10 qts. \$6.00, 12 qts. \$6.50.

Extra Roses. Fine or coarse. Each 75c.

**TARRED FELT DISKS (Sterlingworth)**

For protecting Cabbage and Cauliflower plants, when first set out against root maggot. Made the right shape of special non-curling material and are free from imperfections in which the Maggot Fly might find a place to deposit eggs. Recommended by all the Agricultural Experiment Sta-

tions. 100, 50c.; 1000, \$3.00.

WINDOW BOXES—SELF-WATERING

Made with heavy metal, ornamented with a stamped design. They require water only every two weeks and will not leak. All sizes are 8 in. high and 9½ in. wide.

Length		Length	
No. 1, 23 in.....	\$3.00	No. 6, 33 in.....	\$4.75
No. 2, 25 in.....	3.25	No. 7, 35 in.....	5.25
No. 3, 27 in.....	3.50	No. 8, 37 in.....	5.50
No. 4, 29 in.....	3.75	No. 9, 39 in.....	5.75
No. 5, 31 in.....	4.00	No. 10, 41 in.....	6.25

LAWN MOWER SHARPENING COMPOUND

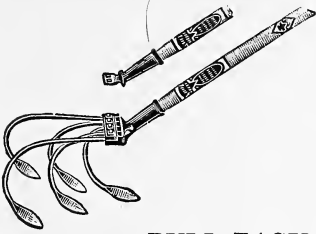
This is a grinding paste used for sharpening lawn mowers. It is applied to the blades and by rotating them backward and forward on the bottom knife it sharpens them in a very few minutes without taking the machine apart. Full directions with each can. Can 60c.

**HAND CORN-PLANTERS**

The "Segment" is light, strong, accurate and withal the cheapest and most up-to-date planter on the market. Price, \$2.75.

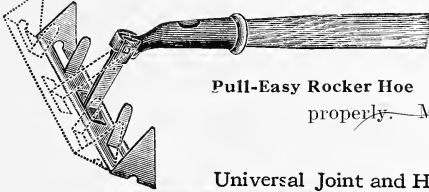
POST-HOLE DIGGER

The blades are 9 in. long and the handles 5 ft. long. Price\$2.50



PULL-EASY CULTIVATOR

This adjustable cultivator can be adjusted to fit rows of any width from 7 to 18 in. The middle tooth can be instantly removed to straddle the row. Furnished with a 4½-ft. wood handle. Each \$1.25.

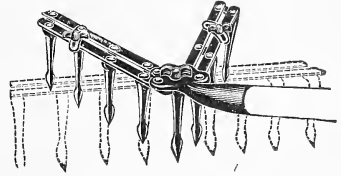


Pull-Easy Rocker Hoe
properly.

ADJUSTABLE GARDEN CULTIVATOR

The most useful hand garden tool on the market.

It will pull out the weeds, pulverize the ground thoroughly, leaving it level. It will work between the rows, or the center shovel can be removed and straddle the row if desired. It is adjustable in width by sliding the top plate. It is the lightest, weighing but 3 lbs. complete with long handle. The blades are forged out of a solid steel rod. Price, \$1.25.



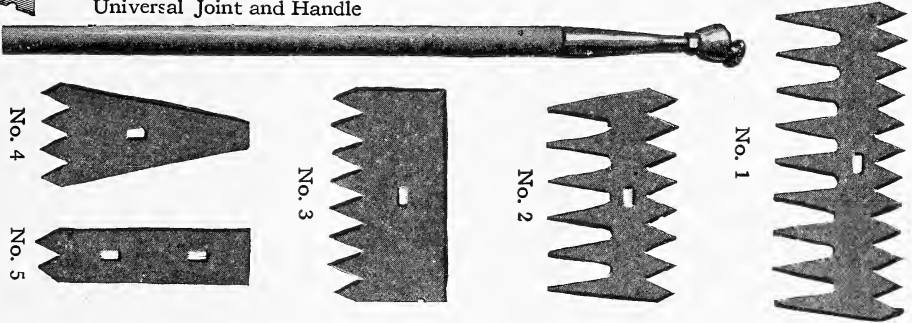
Pull-Easy Cultivator

THE PULL-EASY ROCKER HOE

The two-edged, keen blade of this hoe cuts on both the forward and backward motion. The socket casting has side stops which limit the oscillating movement of the blade, keeping it at just the right angle under the surface to cut properly. Made with a 5-inch blade and 4½-foot handle. Each \$1.00.

MULTITOOL

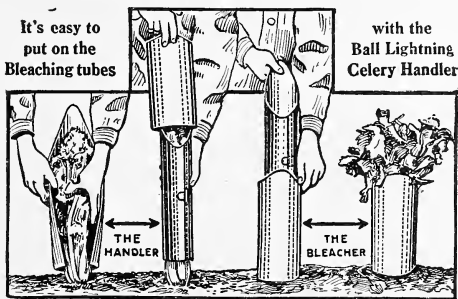
Universal Joint and Handle



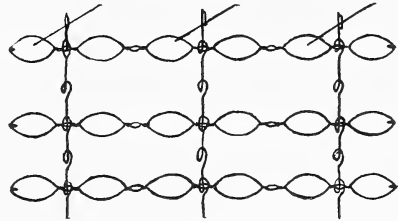
The "Multitool" consists of 5 Reversible and Interchangeable blades, combining 18 cutting edges with a Universal joint at the end of a 5-foot handle. The Universal ball socket joint makes a possible adjustment of the handle in any direction and the changing of the blades is accomplished by removing one screw. One man with a Multitool can do twice the work of one man with a hoe.

Multitool complete, \$5.00. Extra handles, 60 cts.

BALL CELERY BLEACHER



CONTINUOUS RING CARNATION SUPPORT



The home grower and private gardener will find this an ideal system of bleaching Celery—handy, neat and just the thing to bleach a few stalks every few days as wanted.

It only takes a week or ten days after putting on these bleachers when your Celery will be a beautiful white, and all ready for the table. No banking with soil, no hunting up boards, and it produces better results on early Celery. The same bleachers can be used over and over again the same season.

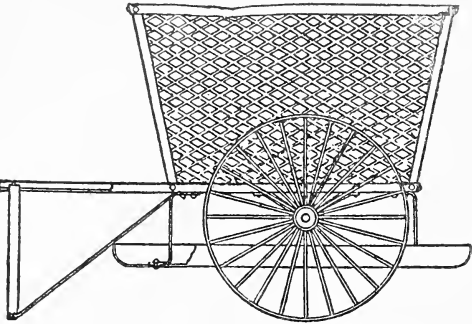
Price of Bleachers, 6½x13in. 60 cts. per doz., \$4.00 per 100, \$35.00 per 1000.

The Ball Lightening Celery Handler. Spring brass, \$4.00; tin, \$2.00 each.

This is the best Carnation Support for private or commercial growers. They are made with galvanized wire. For rows of 3, 4 or 5 plants two upright stakes are used and rows of 6 or 7 plants, three upright stakes. Each row has three rings for each plant which are adjustable to five different heights. To make the stakes rigid, straining wire should be used the full length of the bench. Full directions are sent with each order for setting up.

When ordering, kindly state the total number of plants to be supported and the number of plants in each short row cross-wise of the bench, or send sketch of bench plan.

	Doz.	100
Supports for 3, 4 or 5 plants to row...	\$1.00	\$5.00
Supports for 6 or 7 plants to row.....	1.00	6.00
Supports for 8, 9 or 10 plants to row...	1.00	7.00



HUDSON PLATFORM CART

The Hudson Platform Cart has a wide range of usefulness which makes it a prime favorite for light carrying purposes, it will carry from four to six milk cans, three or four bushel baskets of potatoes, four sacks of grain, a barrel of water, or a number of similar articles. These features make it especially desirable for the man who handles a quantity of milk and has a considerable number of stock to feed every day.

The platform is selected hardwood, 27 inches wide and 30 inches deep. It is securely bolted to the frame of the cart and carefully braced to give the necessary strength, the platform not only carries the load, but must absorb all shocks.

The wheels are 36 inches in diameter, 24 spokes, with heavy half-oval, 1½-inch steel tires, very strong.

The axle is of selected one-inch steel, accurately shaped to carry the platform securely.

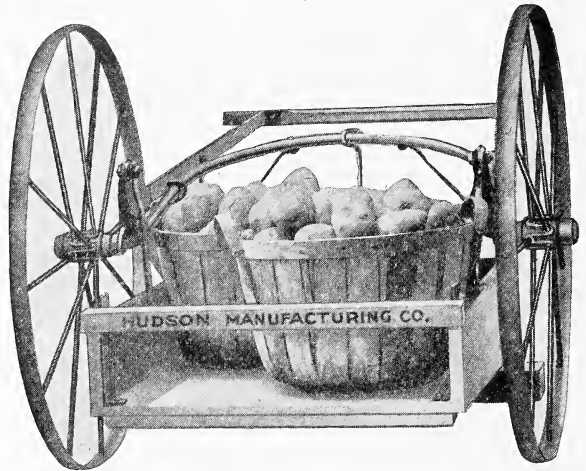
Price, as illustrated, \$15.00.

PORTABLE REFUSE BURNERS

A portable steel furnace for the rapid and convenient destruction of all leaves, refuse and waste matter. In reality a two-wheeled hand cart (for which purpose it can also be used), made of strong steel angle iron and heavy steel netting, which is fireproof and guaranteed not to burn out. Is fitted with broad-tired wheels, which enable it to be pulled along with the cleaning up squad on lawns or soft ground without injury. A strong steel pan is fitted under the axle, which catches all the fire and ashes as they fall through the bottom. This pan can be easily emptied as needed.

Against the cost of hauling the leaves and rubbish to a convenient spot for burning, the leaf burner will pay for itself twice over in one season.

No. 1, capacity 16 cubic feet.....	\$35.00
No. 2, capacity 11 cubic feet	26.00
No. 3, capacity 5 cubic feet.....	15.00



COMBINATION WATER BARREL, TRUCK AND LEAF CART

Barrel can be detached from truck without difficulty, or tilted to empty contents. Either barrel, leaf rack and box can be used. Furnished with steel wheels.

TRUCK AND WATER BARREL

Fig. 6. Truck, with 3-in. tires.....	\$16.00
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TRUCK AND LEAF RACK

Fig. 162. Truck, with 3-in. tires.....	21.00
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TRUCK, BARREL, LEAF RACK AND CART

Complete with 3-in. tires.....	36.00
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TRUCK, HANDCART AND BARREL

Fig. 7. Truck, with 3-in. tires.....	28.50
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ADDITIONAL ATTACHMENTS

Box for Handcart.....	10.00
Leaf Rack for Truck.....	8.00
Extra Barrels with Trunnions.....	10.00

THE HARRIS DIRT BAND

Plants grown in Dirt Bands are not injured in transplanting, as the root system is not disturbed. The bands being square they do not take up as much room as pots and do not dry out so quickly. Bands also make an ideal cut worm guard when placed around the plant in the garden.

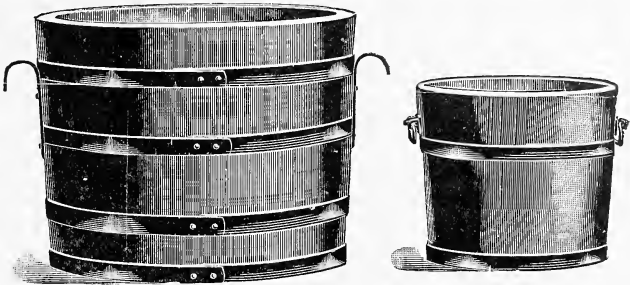
No. 1¾ B, size 1¾x1¾, depth 2½ in.....	40c. per 100, \$3.00 per 1000
No. 2 B, size 2x2, depth 2½ in.....	50c. per 100, \$3.50 per 1000
No. 3 B, size 3x3, depth 3 in.....	60c. per 100, \$4.50 per 1000



NEW YORK CEDAR TREE TUBS

Are made of cedar with extra heavy staves and hoops and will be found very strong and durable. Painted green in regular stock. Any color desired to order. Outside measurements.

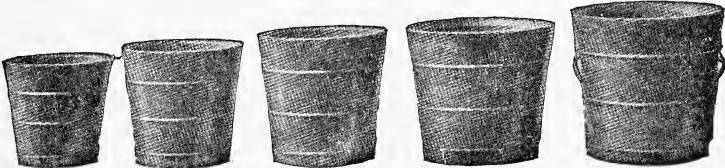
	Diameter	Height	Each
No. 00.....	32 in.	26 in.	\$21.00
No. 0.....	30 in.	24 in.	18.00
No. 1.....	28 in.	22 in.	15.00
No. 2.....	26 in.	20 in.	12.50
No. 3.....	24 in.	18½ in.	7.50
No. 4.....	22 in.	17 in.	6.00
No. 5.....	20 in.	16 in.	5.00
No. 6.....	18½ in.	15 in.	4.00
No. 7.....	16½ in.	14 in.	3.50
No. 8.....	15½ in.	13 in.	3.00
No. 9.....	14 in.	12 in.	2.50
No. 10.....	12 in.	9½ in.	2.25



No. 00, 0, 1 and 2 have hook handles. Smaller sizes drop handles. Furnished without feet unless specially ordered.

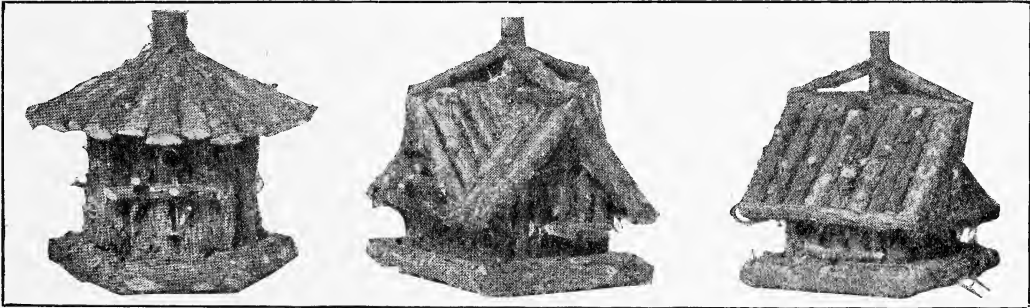
MARSHALL'S PLANT TUBS

Made from selected Virginia white cedar, bound with electric welded wire hoops (galvanized). Painted green, furnished without handles, or we can supply handles if wanted. Inside measurements.



	Diameter	Height	Each		Diameter	Height	Each
No. 3.....	8 in.	8 in.	\$0.70	No. 8.....	13 in.	12 in.	\$1.75
No. 4.....	9 in.	9 in.	.75	No. 10.....	15 in.	14 in.	2.25
No. 5.....	10 in.	9 in.	1.00	No. 12.....	17 in.	16 in.	3.00
No. 6.....	11 in.	10 in.	1.20	No. 14.....	19 in.	18 in.	4.00

RUSTIC BIRD HOUSES



No. 6 Hexagonal

No. 5 Martin House

No. 4 Log Cabin

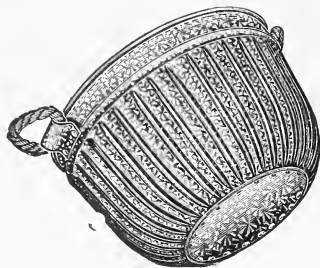
The above Rustic Bird Houses are made with Rustic Cedar and are very ornamental and attractive to all birds.

- No. 1 Log Cabin, one-family house, 10 in. wide, 10 in. high. Each \$2.50 and \$2.75.
- No. 2 Log Cabin, two-family house, 10 in. wide, 12 in. high, 14 in. deep. Each \$4.00.
- No. 3 Log Cabin, two-family house, 14 in. wide, 12 in. high, 17 in. deep. Each \$5.50.
- No. 4 Log Cabin, two-family house, 14 in. wide, 17 in. high, 16 in. deep. Each \$7.50.
- No. 5 Martin House, four-family house, 14 in. wide, 18 in. high, 19 in. deep. Each \$9.00.
- No. 6 Hexagonal, one-family house, 12 in. wide, 14 in. high, 19 in. deep. Each \$4.50.
- No. 7 Hexagonal, two-family house, 12 in. wide, 15 in. high. Each \$5.00.
- No. 8 Robin House, 10 in. wide, 19 in. high, 9 in. deep. Has canopy top and flat wood back. Each \$3.00.
- No. 9 Twelve-room Martin House, 27 in. wide, 22 in. high. Each \$22.00.

We also carry in stock a variety of styles and sizes and shall be pleased to supply an assortment to any value required.

They are built with chestnut, elm, oak and other natural woods. Prices \$1.00, \$1.25, \$1.50, \$2.00 and \$2.50 each.

The prices quoted in this catalogue are subject to change without notice.



GALVANIZED BASKETS

This basket will give longer and better use than any other basket. The bottoms are double thickness, securely riveted and the top has a steel bar rolled in the top edge.

Useful for vegetables, rubbish and all kinds of garden or farm work. Also for carrying water, washing pots in, or mixing insecticides.

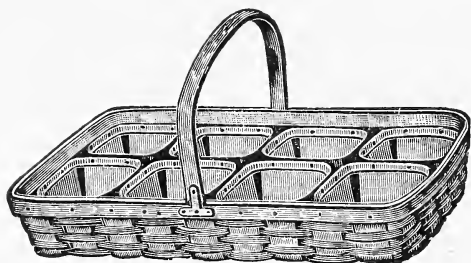
	Each
No. 0. $\frac{3}{4}$ bushel.....	\$2.25
No. 1. 1 bushel.....	3.00
No. 2. 2 bushels.....	3.50

GARDENERS' BASKETS

Adapted for gathering Fruits, Vegetables, Flowers and other purposes around the garden or greenhouse.

Made with splint and bamboo bound with metal straps. Very strong and durable.

No. 1 size 19 in. x 11 in. x 7 in.....	\$1.75
No. 2 size 21 in. x 12 in. x 7 in.....	2.00
No. 3 size 25 in. x 14 in. x 8 in.....	2.25
No. 4 size 27 in. x 16 in. x 9 in.....	2.50
No. 5 size 28 in. x 18 in. x 10 in.....	3.00



FLOWER AND FRUIT BASKETS

A handy basket for gathering flowers, vegetables and fruits.

Medium size, No. 2, 20 x 12 x $3\frac{1}{2}$ in.....	Each \$1.25
Large size, No. 3, 22 x 14 x $3\frac{1}{2}$ in.....	Each 1.50



GENERAL FARM BASKETS

Made with best oak splint, reinforced with iron hoops. Handy for carrying leaves, rubbish, wood, coal, etc.

1 bushel size.....	Each \$2.00	2 bushel size.....	Each \$3.00
$1\frac{1}{2}$ bushel size.....	Each 2.75	3 bushel size.....	Each 4.00

STRAWBERRY BASKETS

Useful for gathering strawberries and raspberries. One quart size. Per 100 \$1.50. Per 1000 \$12.00. 2 quart size per 100 \$3.00. 3 quart size, per 100 \$3.50.

PICKING BASKETS

Used for gathering apples, pears and other varieties of fruit. $\frac{1}{2}$ bushel size with drop handle, each \$1.25.

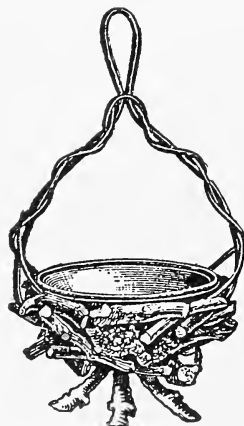
ENGLISH GARDEN BASKETS

Made with wood with strong wooden handle and feet. Handy for cut flowers and vegetables.

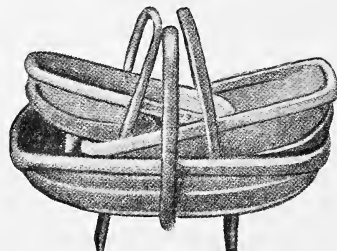
No. 2. $11\frac{1}{2}$ in. long 6 in. wide.....	Each \$1.25
No. 4. 15 in. long 8 in. wide.....	Each 2.00
No. 6. $18\frac{1}{2}$ in. long 10 in. wide.....	Each 2.50
No. 8. 23 in. long 12 in. wide.....	Each 3.75

RUSTIC HANGING BASKETS

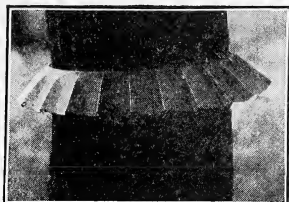
Made from laurel roots, elegantly finished and rattan handle. These baskets cannot be equalled in style, finish or make. They will stand severe weather, and with a little care are good for 10 to 12 years' wear. Each, 10 in., \$2.25; 12 in., \$2.50; 15 in., \$3.50.



Hanging Basket

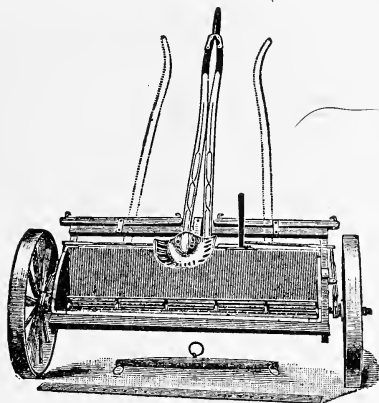


STANDARD TREE BANDS



foot 10c., in 25- and 100-foot rolls.

Protects the tree from the ravages of moths and caterpillars. Easily and quickly adjusted and does not disfigure the tree like other sticky contrivances. Now in use by the Department of Parks, New York City. Per



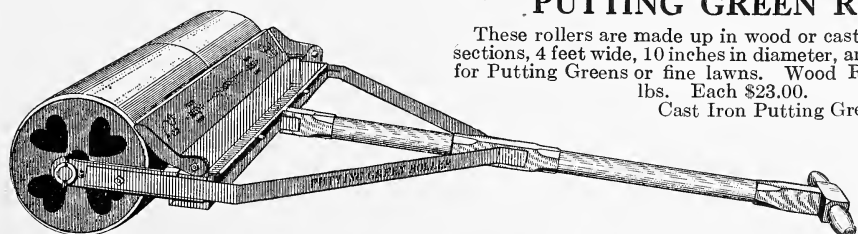
"STEVENS" FERTILIZER DISTRIBUTOR

This machine in addition to plaster will sow Bone Dust, Ashes, Lime, and all fine fertilizers. It broadcasts evenly any quantity desired from 200 lbs. to 4000 lbs. per acre. The adjustment is perfectly simple and strong. Combined Pole and Shafts, Neck Yoke and Whiffle trees furnished with each machine.

Machine to sow to a width of 8 feet 3 inches...\$72.00

Machine to sow to a width of 5 feet 10 inches... 64.00

Hand Fertilizer Distributor, 34 inches wide.... 19.00



These rollers are made up in wood or cast iron in four 12-inch sections, 4 feet wide, 10 inches in diameter, and are used especially for Putting Greens or fine lawns. Wood Roller. Weight 200 lbs. Each \$23.00.

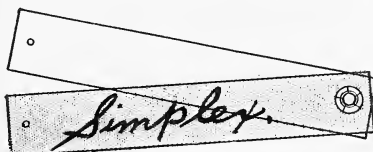
Cast Iron Putting Green Roller made with four 1-foot sections turned smooth on the face and equipped with scraper. Weight, 225 lbs. Each \$31.00.

DAHLIA STAKES OR POLES

Heavy, round green, tops painted white.

	Each	Doz.	100
3 feet.....	\$0.17	\$1.75	\$12.00
4 feet.....	.20	2.00	15.00
5 feet.....	.27	2.75	20.00
6 feet.....	.32	3.25	25.00

SIMPLEX WATERPROOF PLANT LABELS



The writing is protected by the transparent cover.

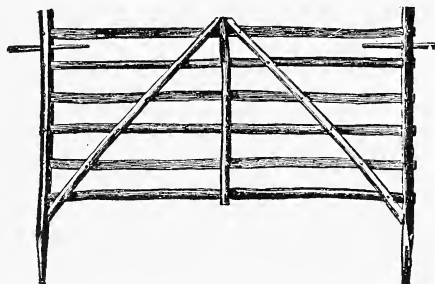
No. 1.	3x1½ in.....	Doz.	100
No. 2.	4x¾ in.....		\$0.35 \$2.25
No. 3.	5x1 in.....		.70 4.50
			1.00 7.00

Including copper wires for attaching.

SIMPLEX GARDEN LABEL

This label is used for marking plants in borders, etc. The rod is 18 in. long and the card for writing on is 1½ by 2¾ in., which is made from celluloid with a transparent cover. Doz. \$2.50, 100 \$20.00.

PORTABLE WOOD HURDLES



They are suitable for inclosing and dividing lots or plots to suit any requirement on a gentleman's country seat, or for farmers' use in general. Made with split chestnut. They measure 8 ft. 3 in. in length.

With 4 bars, suitable for horse and cows, per 100 \$160.00.

With 5 bars, suitable for sheep, per 100 \$180.00.

4-bar Hurdle Gate, 10 ft. long, each \$4.75.

5-bar Hurdle Gate, 10 ft. long, each \$5.25.

Prices subject to change. F.O.B. Dutchess Co., N. Y.

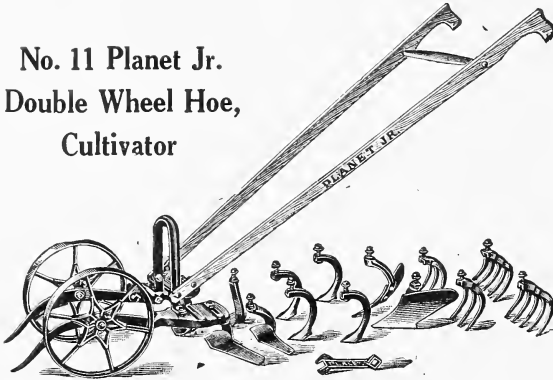
PUTTING GREEN ROLLER



PLANET JR. TOOLS

Products of 38 years' experience by a practical farmer and manufacturer who has made a science of tool building. All guaranteed. Illustrated catalogue FREE. Prices subject to change

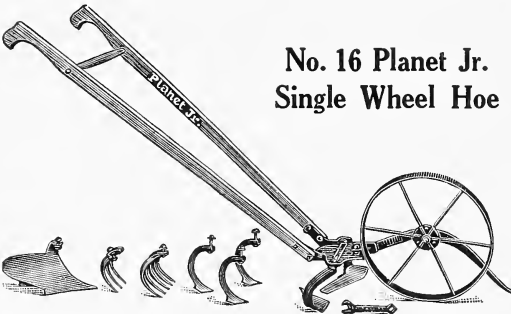
No. 11 Planet Jr. Double Wheel Hoe, Cultivator



Price, with attachments as in cut, \$14.75.

No. 12 Double Wheel Hoe, Price \$11.50

This is identical with No. 11 Wheel Hoe, except that it has one pair plows, one pair hoes, two pair cultivator teeth and a pair of leaf lifters only.



No. 16 Planet Jr. Single Wheel Hoe

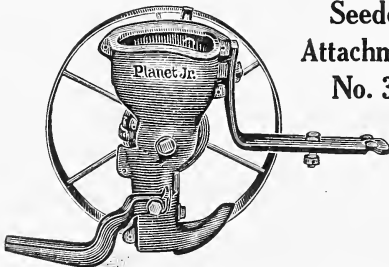
Price, with attachments as in cut, \$9.25.

No. 17 Single Wheel Hoe, Price \$7.75

The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

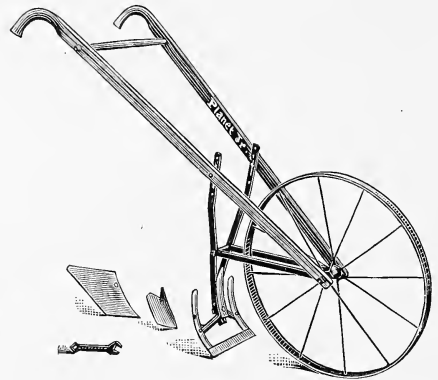
No. 18 Single Wheel Hoe, Price \$5.75

Has one pair of 6-inch hoes only—the tools that are most constantly useful. Other tools can be added as needed.



Seeder Attachment No. 35

The above can be attached to any Planet Jr. Single or Double Wheel Hoe. The Hopper holds a pint of seed, is indexed for all the principal seeds and will sow the last seed so that a small packet can be sown without waste. Price, \$6.00.



No. 119 Garden Plow and Cultivator

A new cultivator with a 24-in. wheel. A very useful tool for small gardens. Price, \$5.00.



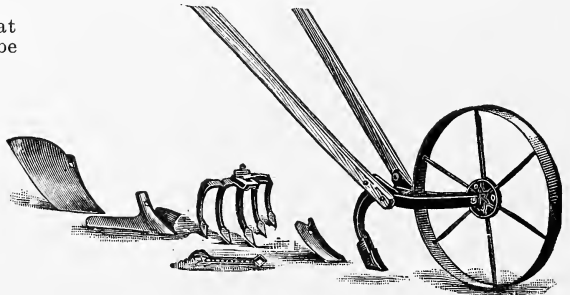
No. 31 Planet Jr. Combined Seeder and Wheel Hoe

It combines a thoroughly reliable Seeder that will sow all garden seeds from the smallest up to peas and beans, with a first-class light running Wheel Hoe.

No. 31 Complete Seeder and Wheel Hoe.....\$12.50

No. 31D As a Seeder only..... 10.00

No. 33 As a Wheel Hoe only with tools as shown above without the seeder attachment 6.00

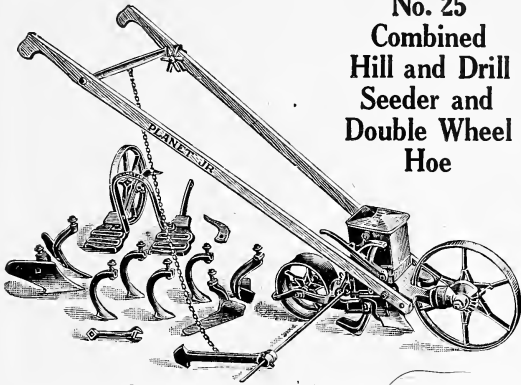


No. 19 Farmers' Single Wheel Hoe, Cultivator and Plow

A cheap and efficient garden tool, consisting of one plow, one 10-in. sweep, one 5-in. sweep, one 2-in. cultivator and one 4-in. cultivator. Price, complete, \$5.75.

PLANET JR. TOOLS.—Continued

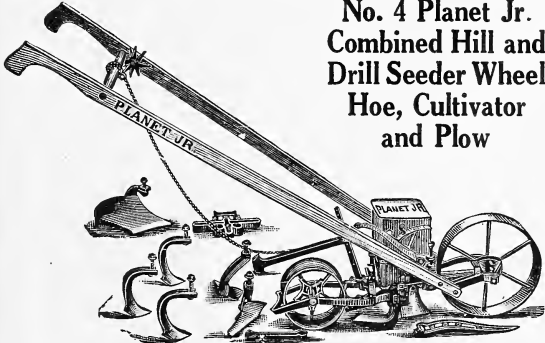
**No. 25
Combined
Hill and Drill
Seeder and
Double Wheel
Hoe**



As a seeder it will sow in drills any thickness or drop in hills 4, 6, 8, 12 or 24 inches apart. It is thoroughly substantial and is accurate in planting all kinds of garden seeds in either hills or drills.

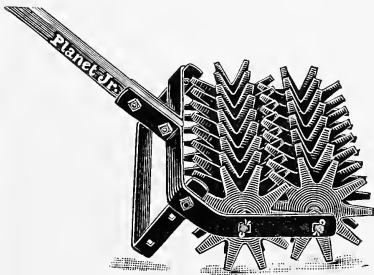
As a wheel hoe it is practically the same as the admirable Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow. No. 25, complete, \$22.00.

**No. 4 Planet Jr.
Combined Hill and
Drill Seeder Wheel
Hoe, Cultivator
and Plow**



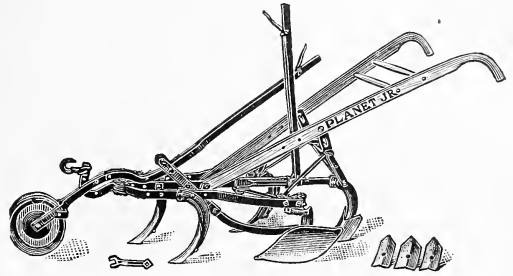
No. 4 complete\$18.00
No. 4 D, as a Seeder only..... 14.50

Does the work of almost all garden tools combined. It sows accurately all garden seeds in drills or in hills 4, 6, 8, 12 or 24 inches apart, cultivates, furrows and plows.



**Planet Jr. Star Pulverizer, Leveler
and Weeder**

This new tool is especially adapted for preparing the seed bed, and will be found of great value in smoothing and fining the soil surface. The rear blade is 13½ inches wide. After the crops are started, it may be used between rows as a weeder or as a crust breaker. Price, \$6.50.



No. 8 Planet Jr. Horse Hoe and Cultivator

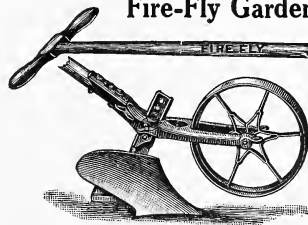
The above as illustrated can be used for cultivating almost every known crop in rows. Price, complete, \$17.50.

No. 104 Horse Hoe and Cultivator

Equipment: Five 3-in. Steels, 1 pair 6-in. turning shovels, one 7-in. shovel steel and lever wheel. Price, \$13.50.

Fire-Fly Garden Plow

Price, \$4.00.

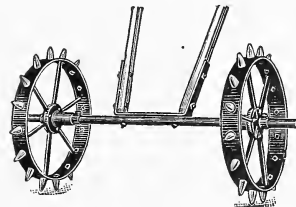


This tool will enable a busy man to do nearly all the work of a family garden. Chicken raisers find it of great advantage in plowing up their scratching yards.

Planet Jr. Edger No. 2



This Grass Edger will edge paths, drives, borders or flower beds rapidly. It can be set for the wheel to run on the walk or grass. Strawberry growers find it excellent for cutting off surplus runners. Each, \$1.75.



Planet Jr. Spot and Drill Marker

Very useful for marking out the rows when transplanting all kinds of plants to ensure the same distance apart between the plants and rows.

Two-Row Spot and Drill Marker. Price, \$5.00.

Extra Parts for Planet Jrs.

We shall be pleased to supply any parts or attachments. Always give No. of Tool or send broken part when ordering.

Cultivator Teeth. Each 35 cts. Hoes 6-inch per pair \$1.20. Plow for S. W. H., each \$1.35.

COLDWELL'S LAWN MOWERS

IMPERIAL HIGH WHEEL MOWER

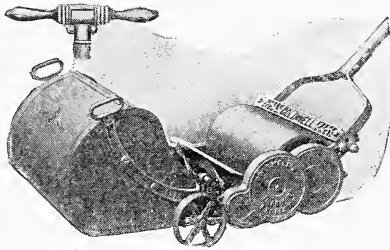
The Imperial is one of our best mowers. It can be sharpened in a few minutes without removing any of its parts. We positively guarantee this mower to give entire satisfaction.

Price: 14-in., 4 blades.....\$16.00; 18-in., 4 blades.....\$18.00
Price: 16-in., 4 blades..... 17.00; 20-in., 4 blades..... 19.25

"THE RAJAH" BALL-BEARING LAWN MOWER

The "Rajah" is the best Ball Bearing Mower on the market. It has 10-inch drive wheels; five blades in the revolving cutter, which is of large diameter, thus enabling it to cut high grass. The adjustment of this machine is accomplished by means of a single screw conveniently located in the end of the revolving cutter. This one screw does it all.

Price, 14 inches, 5 blades.....\$16.00; 16 inches, 5 blades.....\$17.00

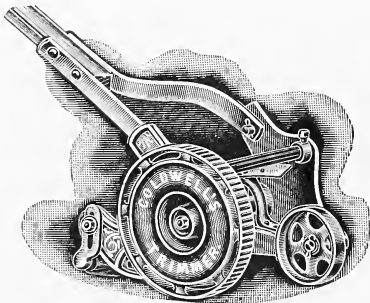


Improved Excelsior Mower

"THE REGAL" BALL-BEARING LAWN MOWER

The drive wheels of the Regal are locked fast to the opposite ends of a steel shaft which is supported near its ends by ball bearings. The ball bearings are fitted with adjustable cones, by means of which the wheels can always be made to run true, no matter how much the machine is worn.

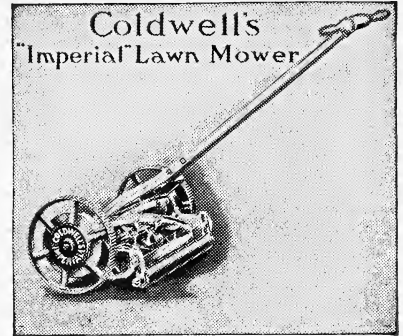
Net prices: 14-in., 5 blades, \$20.00; 16-in., \$21.00; 18-in., \$22.00; 20-in., \$23.00.



COLDWELL'S LAWN TRIMMER AND EDGER

(Ball-Bearing)

Does what lawn mowers leave undone. It can be run close to walls and trees, cutting grass clean and quickly. Can also be used for trimming edges of walks, etc. It has four blades, 8 inches wide, \$11.00 each.



IMPROVED EXCELSIOR MOWER

This mower is made to meet the demand for a machine that will more perfectly cut borders, verges, etc., and yet retain all the other features necessary in a mower for general work.

Net Price:	12-in., 6 blades.....	\$28.00
Net Price:	14-in., 6 blades.....	29.00
Net Price:	16-in., 6 blades.....	30.00
Net Price:	18-in., 6 blades.....	31.00

Metal Grass Catchers, each, \$5.50.

COLDWELL'S JEWEL LAWN MOWER

This machine has 8-inch driving wheels, four blades in the revolving cutter and double ratchet, fine cut gears. The bearings are provided with split brass bushings, by means of which all wear can be taken up.

14-inch\$9.00; 16-inch\$10.00

GRASS CATCHERS

For Imperial, Rajah and Regal Mowers:

Net prices: 12-in., 14-in., or 16-in., \$2.50; 18-in. or 20-in., \$2.75.

COLDWELL'S IMPERIAL ROLLER-BEARING LAWN MOWER

The lightest running machine. Has 10¼ inch wheels, five blades, standard Hyatt Roller Bearings, triple pawl ratchet gears and finest finished parts

16-inch.....\$18.00; 18-inch.....\$19.00

COLDWELL'S UNIVERSAL HORSE LAWN MOWER

It has side draft attachment to enable the horse to walk on the cut only. We secure evenness of cut by an adjustment which raises or lowers the two sides at the same time by means of a simple lever movement; the same lever serves the purpose of raising the knives from the ground when driving over gravel walks or roads.

30-in., 4 blades	\$122.00
30-in., 6 blades	135.00
35-in., 4 blades	142.00
35-in., 6 blades	155.00
40-in., 4 blades	162.00
40-in., 6 blades	172.50

"EASY" BORDER LAWN MOWER

The only mower made that will cut borders, mounds, terraces, close to walls and fences, and all kinds of uneven surfaces with the same ease and efficiency as the smoothest lawn.

It has a steel open roller, four spiral blades, self-adjusting ball bearings with detachable handle.

Net Prices:

10 in. \$18.00 12 in. \$21.00 14 in. \$24.00 16 in. \$27.00

GREAT AMERICAN MOWER

A double-gearred mower which gives fine results.

10½-inch high wheel, 5-blade cylinder, ball-bearing.

15-in. \$20.00 17-in. \$22.00 19-in. \$24.00 21-in. \$27.00

PENNSYLVANIA STANDARD LAWN MOWERS

The Pennsylvania is the pioneer of all lawn mowers, having an open cylinder, open wheels and a train of gears. High wheel, 10½-inch diameter.

15 in., 4 blades, \$27.00; 17 in., 4 blades, \$30.00; 19 in., 4 blades, \$33.00; 21 in., 4 blades, \$35.00.

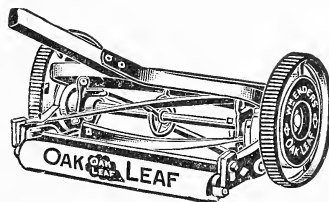
PENNSYLVANIA PUTTING GREEN ROLLER MOWER

Has 6 blades, 7-in. iron rollers, all highly finished. 14 in. \$29.00, 16 in. \$34.00, 18 in. \$38.00. Grass Catchers, \$10.00 each.

"OAK LEAF" HIGH WHEEL BALL-BEARING LAWN MOWER

This machine has 10-in. drive wheels, four-blade revolving cutter, direct gearing with pawls on each side. We recommend this as a first-class lawn mower for the cheaper price.

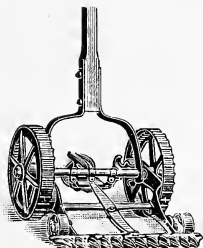
14 in. \$14.50 16 in. \$15.00 18 in. \$15.50



THE "CLIPPER" MOWER

The cut shows a perspective view of the "Clipper" Mower. In the first place you will observe the cutter bar is directly in front of the wheels. The wheels travel over ground where the grass is cut, never rolling down the standing grass with the wheels, as other lawn mowers do. The small gauge wheels at the side are to gauge the height you wish to cut the grass.

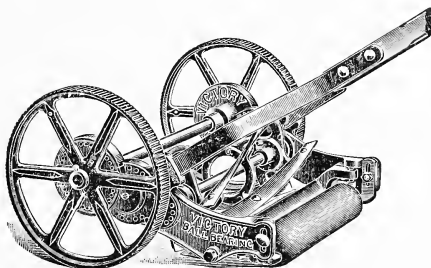
Net prices: 15 inches, \$10.50; 18 inches, \$12.50; 21 inches, \$14.50.



"VICTORY" BALL-BEARING LAWN MOWER

This mower is fitted with **Ball Bearings**. The gear is entirely closed, so that no dirt or cut grass can find its way into the pinions and clog them. The cutter bar is easily removed for sharpening without disturbing the frame. The knives cut the instant the mower is moved.

14 in. \$16.00 18 in. \$19.00
16 in. 17.50 20 in. 20.50



TOWNSEND'S GOLF WONDER MOWER

Especially designed for cutting Putting Greens and fine Lawns. Runs very easy, due to high speed; has gear drive and six-blade knife reel. 16 in. \$28.00, 18 in. \$30.00, 20 in. \$32.00. **Grass Catcher**, complete with elevator and deflector, \$7.50.

TOWNSEND'S TRIPLEX HORSE LAWN MOWER

The Triplex Mower consists of three mowers yoked together, two abreast in front, and one in the rear, thus cutting a swath 86 inches wide.

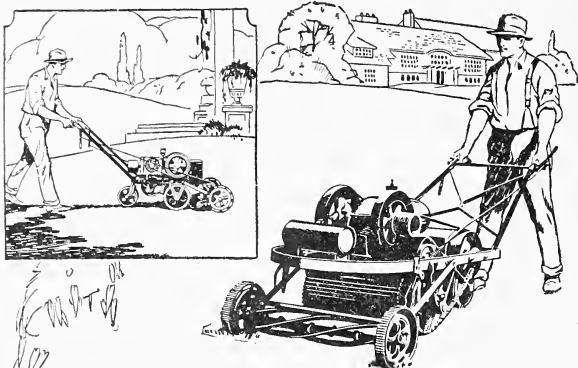
One man and one horse, with a Triplex, will cut more grass in a day than with three ordinary horse mowers. Ask for catalogue with full particulars. Price, \$400.00 net. F. O. B. Bloomfield, N. J.

PLANET JR. GRASS EDGER

Useful for edging paths, drives, open borders or flower borders. It can be set for the wheel to run on the grass or walks. Price \$6.50.

All Lawn Mower prices are subject to change without notice.

THE IDEAL POWER LAWN MOWER



The most popular and most adaptable of the "Ideal" line. Cuts a 30-inch swath. Rolls as it cuts. Will cut six to seven acres per day. Loosely suspended cutting unit tilts to ride over any irregularity of ground. A general purpose mower that cuts close to trees, shrubbery and flower beds. Mechanically simple—fool-proof—easy to operate.

Either the Model 30 or the Junior rolls as it cuts, thereby insuring a smooth, velvety lawn. All unsightly bumps are levelled, and there is no marring the lawn with hoof-prints or mutilation of shrubbery as is the case with horse-drawn mowers and rollers.

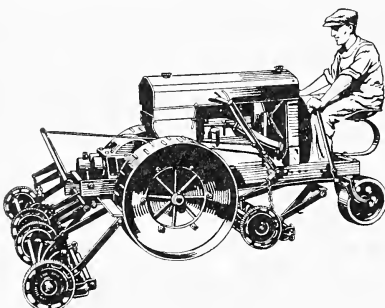
Ideal Power Mower, 30-inch, with one cutting mower, F. O. B. New York. \$345.00
 Extra for riding trailer 20.00
 Extra for one additional cutting unit 50.00

THE IDEAL JUNIOR POWER LAWN MOWER

A baby brother to the Model 30—this Junior cuts from three to four acres per day. Cuts a swath 22 inches wide. Built for small grounds, cemetery work, and as an auxiliary unit to the Model 30 on larger grounds. Cuts clean. Adapted to trimming in close quarters.

Ideal Junior, 22-inch Power Mower with one cutting mower, F. O. B.

New York \$225.00
 Extra for one additional cutting unit 35.00

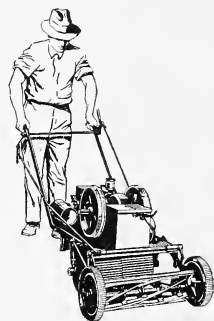


IDEAL 84-in. POWER TRIPLEX MOWER

For Large Estates, Parks and Golf Courses

For the proper upkeep of large areas, there's nothing to compare with the Ideal Triplex. Mows from 25 to 30 acres per day. Three freely suspended cutting units cut a swath 84 inches wide over smooth or irregular ground. Simple and efficient. Control in two levers. Turns in its own length. The logical mower for large estates, parks, country clubs, etc.

Ideal Power Triplex Mower complete with three cutting mowers F. O. B. New York.....\$1250.00
 Extra each for additional cutting units..... 90.00



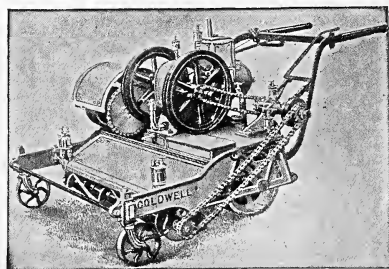
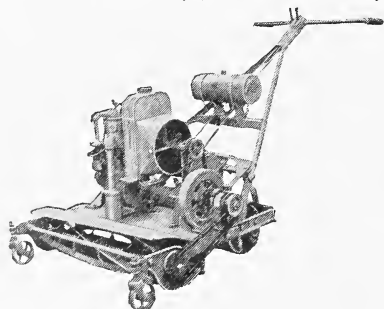
COLDWELL'S COMBINATION ROLLER AND MOTOR LAWN MOWER

Simplicity more than anything else has been sought in these models. Mechanical experience is not necessary to operate them and they can be cared for by anyone.

In using these machines you simply have to guide the mower, negotiating any grade that a horse-mower can be used on, and running a keen 30-inch or 35-inch cutter over 6 or 8 acres per day. Model "H" weight 900 lbs. Model "G" (same type), 35-inch cut, weight 1000 lbs.

The operating handles are also used for raising and lowering the cutter unit over obstacles.

Model G, \$450.00. F. O. B., Newburgh, N. Y.
 Model H, \$400.00. F. O. B., Newburgh, N. Y.



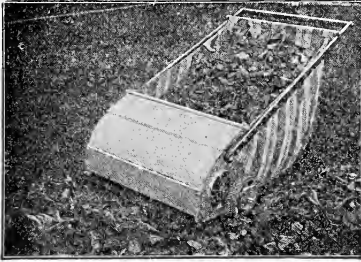
COLDWELL'S MODEL "L" POWER MOWER

The Coldwell Model "L" Motor Lawn Mower and Roller, twenty-five inch cut, has been designed with a view of combining the extreme flexibility of the hand lawn mower with the large cutting capacity, rolling feature and other advantages and conveniences which can be obtained only with a motor mower.

This mower is adapted for use on private lawns, parks, cemeteries, public grounds and for fine cutting on tennis courts and bowling greens.

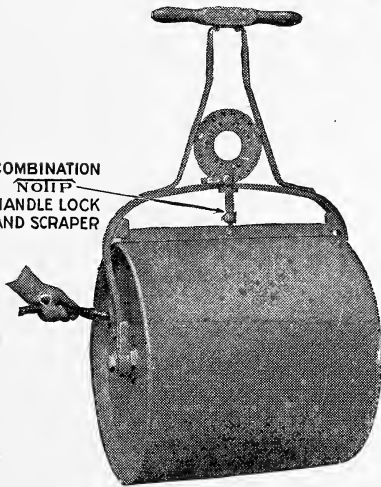
Model L, 25-inch cut, F. O. B., Newburgh, N. Y., \$285.00.

PENNSYLVANIA LAWN CLEANER

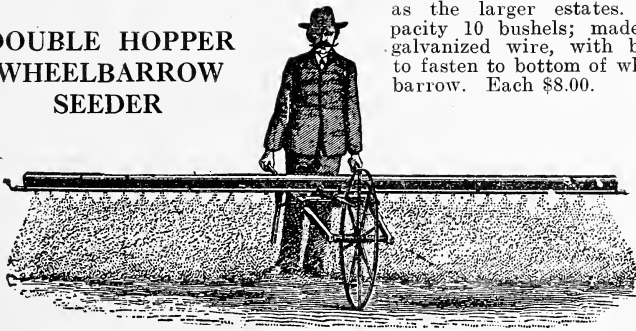


A revolving fan with metal teeth creates an air current which carries into the canvas baskets all leaves, dead grass, stone, etc., that the rake encounters. It straightens up crab grass and other running weeds so that they may be cut by lawn mower. It combines strength and durability with light construction. 24 inches wide. \$35.00. 36 inches wide, \$50.00.

COMBINATION
NO. 1
HANDLE LOCK
AND SCRAPER



DOUBLE HOPPER WHEELBARROW SEEDER



This seeder will sow grass seeds as well as heavy seeds of all kinds. It can be regulated to sow any quantity per acre the whole length (14 feet) of the hopper and it does not clog up. Full directions with each seeder. No. 9. Price \$18.50.

GRASS SOD and CEMENT TAMPERS

Useful for tamping down sod and uneven spots on lawns, tennis courts and golf grounds. Made of iron, with heavy wooden handle.

Square Pattern. Size 6 in. Weight 12 lbs. Each \$2.00. Size 8 in. Weight 17 lbs. Each \$2.75.

BAKER'S HORSE LAWN SHOE

It is made of a steel plate turned up at the toe to protect the turf, with two riveted prongs that fit the horseshoe in front and a clamp that sets up to the heel. In ordering please send size of horseshoe from toe to heel, or a tracing of the shoe to insure a good fit. Per set, \$10.00.



LEATHER HORSE BOOTS

Made with double thick riveted soles and straps to go around the hoof. In ordering send outline of horse's shoe. Per set of four, \$18.00.

WATER BALLAST ROLLER FOR LAWNS

With a Water Ballast Roller, one can secure any weight desired by simply removing a cap and filling with as much water or sand as may be required.

The plug is easily removed with the wrench that is furnished with all rollers. When filled with sand they weigh 50 per cent. more than with water.

The "WB" type is fitted with a steel scraper, which is adjustable and can also be used to hold the handle in place when not in use.

No.	Dia'n	Length	Sections	Weight	Filled with	Price
	Inches	Inches		Empty	Water	
WB 3	14	20	1	60 lbs.	160 lbs.....	\$18.50
WB 5	18	24	1	85 lbs.	300 lbs.....	22.50
WB 7	24	24	1	110 lbs.	500 lbs.....	26.00

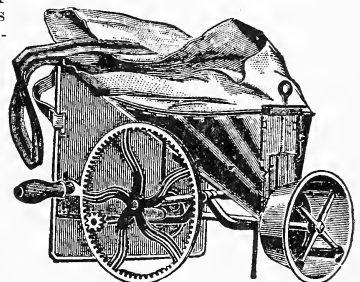
Prices subject to change.

WHEELBARROW LEAF-RACK

Can be attached to any style or size wheelbarrow with removable sides. Most convenient for gathering leaves, cut grass and rubbish. One of these attachments should be in use on every small suburban place, as well as the larger estates. Capacity 10 bushels; made of galvanized wire, with bolts to fasten to bottom of wheelbarrow. Each \$8.00.



CAHOON'S BROADCAST SEED SOWER

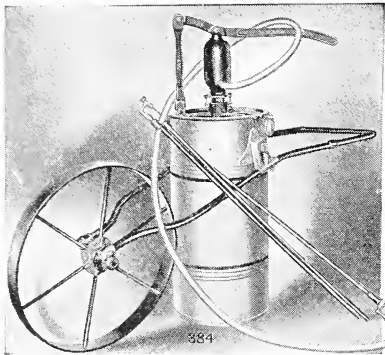


This machine will sow Wheat, Rye, Oats, Barley, Hemp, Timothy, Clover, Millet and Hungarian seed, throwing from 8 to 20 feet on each side of the operator. \$6.00.

AUTO-SPRAY PUMPS

No other style of sprayer will do such a variety of work, and do it so well. We recommend it for trees, shrubs and vines, greenhouses, poultry houses, hospitals and stables for disinfectants, for sheep and cattle dip and cattle fly oils.

It may be used where any buckets or knapsack Sprayer can be used, and with much more satisfaction. Even those who have commercial orchards and large power Sprayers need the "Auto-Sprayer" No. 1 for small work.



Auto Spray No. 40 C.

Auto Spray No. 40D. With galvanized tank and attachments, as above, \$30.00.

Extension Pipes. For No. 40C or D, 2 ft. 8 in. long, 50c. each

No. 1A. Brass Tank, with Stop-Cock	\$10.00
No. 1B. Brass Tank, with "Auto-Pop"	10.50
No. 1C. Galvanized Tank, with Stop-Cock	6.50
No. 1D. Galvanized Tank, with "Auto-Pop"	7.00
"Auto-Pop" Nozzle, with hose and connections.....	2.00
"Auto-Pop" Nozzle	1.50
Extension Pipe, Brass, 2 ft. lengths, each .....	.60
Elbow extension, solid brass..	.35
Brass Strainer	1.50
Set of soft parts for No. 1....	.25

Auto Spray No. 40C. Compressed air, heavy brass tank, capacity 12 gallons, 8 ft. hose, screen nozzle. Mounted on a 20-in. wheel truck. A very complete spraying outfit. Price, \$35.00.



"POMONA" BARREL SPRAY PUMP

Very Powerful and Large Capacity—All Working Parts Bronze

The best orchard barrel Sprayer. It is unusually powerful and of large capacity, fully capable of supplying four leads of hose and eight nozzles. There is nothing about the Sprayer to get out of order, and with ordinary care it will last a lifetime.

Pump, with Agitator and Hose Coupling.....\$20.00

Outfit C. Pump with Agitator, one lead 15 ft., Discharge Hose. and Mistry Jr. Nozzle..... 25.00

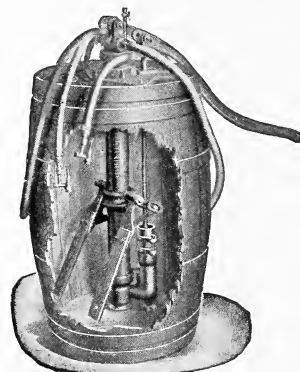
Outfit D. Pump with Agitator, two leads, 15 ft. each, Hose and two Mistry Jr., Spray Nozzles..... 30.00

Barrel furnished for above and mounting..... 10.00

Iron Pipe Extension. 8 ft. long. Fitted with stop-cock and ¼-inch threads 3.50 |

Barrel Cart. Designed for mounting the above Sprayers. Iron Wheels with wide tires. With barrel for pump..... 32.50

Without barrel 22.50 |



PARAGON SPRAYER NO. 3

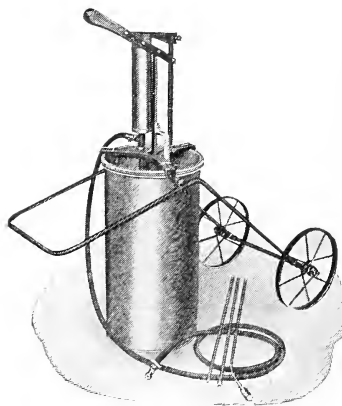
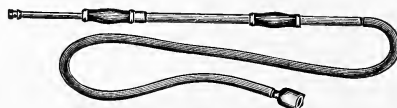
For spraying trees, vegetables, whitewashing or water paints.

Mounted on a strong metal truck and can easily be wheeled to any desirable place. All liquid passes through the automatic, self-cleaning strainer before entering the pump, and cannot clog the nozzle when spraying.

Equipment, 10 ft. Special Spray Hose, 7½ ft. Extension Pipe, one Mist Nozzle, one Steel Cap, one Straight Spray. Any additional length of hose can be furnished at a reasonable extra charge. Capacity, 12 gallons, galvanized tank. Price, \$25.00. Without Truck, \$21.50.

AUTO-SPRAY No. 5

This pump is made entirely of brass, is double acting and will generate a pressure of 150 lbs. Furnished with an extra solid stream cap or long distance nozzle; a heavy strainer on an extension for placing in bucket and 2½ feet ½-inch hose. Can be used in any pail or container. Each \$5.00. Brass extension rods, each 60c.



Paragon Sprayer No. 3



"Success" Sprayer

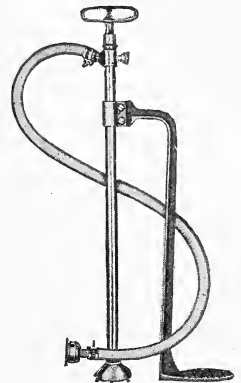
AUTO-SPRAY No. 6 BUCKET PUMP

This pump sprays perfectly on the up and down strokes. The parts are all made with brass and a malleable iron foot rest.

Three feet of hose, one solid stream nozzle, and one for a fine mist spray with screen to prevent clogging. Each \$5.50.

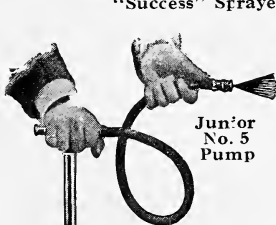
"SUCCESS" KNAPSACK SPRAYER

This sprayer is undoubtedly the best and most improved on the market. The tank holds 5 gallons and is made of copper throughout. Pump is fitted with bronze valves and mechanical agitator. The attachment A is used for underspraying. Price\$22.00



Auto Spray No. 6

THE MEYER'S POWER SPRAY GUN

Junior
No. 5
Pump

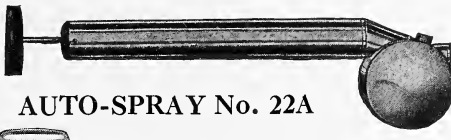
This gun utilizes the entire capacity of any power spray pump and does away with all bamboo extensions, nozzles and fittings. It can be adjusted to make a long or short distance spray and is fitted for $\frac{3}{4}$ -inch hose coupling and $\frac{1}{4}$ -inch pipe. Each \$12.00.

BRASS BUCKET SPRAYERS

This Spray Pump is especially designed for spraying in gardens and green-houses. The pump is double acting in effect, has gutta percha ball valves. Foot piece is malleable iron. The pump end of discharge hose is wire wound. Each \$6.50.

JUNIOR No. 5 SPRAY PUMP

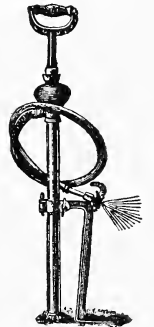
This Pump requires no fastening of any kind. All the operator need do is to press the plunger down. It rises itself by a brass spring. Can be used in a pail, tank or barrel. All parts except handle and hose are solid brass. Complete with hose and nozzles as shown in cut, each \$3.50.



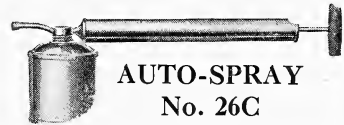
AUTO-SPRAY No. 22A



A single acting hand atomizer. Made from good heavy material. Capacity 1 qt. Pump cylinder, 14 inches by $1\frac{3}{4}$ inches. Length 22 inches. Each 50c.



Bucket Pump

AUTO-SPRAY
No. 26C

The Auto Spray No. 26 C operates continuously on both the up and down stroke and throws a fine misty spray. Two spray caps, one straight and one at an angle for under the leaves. Capacity, 1 quart, each \$1.25.

THE HUDSON JUNIOR SPRAY PUMP

The Junior Sprayer is a high pressure compressed air sprayer. It is particularly adapted for the backyard garden or small truck farm, for use around the chicken house, in the dairy barn, hog pen, or for disinfectants. It will do any work the larger models can, for it differs from them only in capacity. It is substantially made and will give entire satisfaction.

Tank— $6\frac{1}{2}$ inches diameter, 17 inches long; capacity about $2\frac{1}{2}$ gallons. Made of first quality brass sheets. Tested under actual working conditions at the factory.

Pump— $1\frac{3}{4}$ inches diameter, 15 inches long; seamless brass tubing. Plunger is equipped with Hudson special cupped leathers. The valve is brass, positive in operation.

No. 140B. All Brass.....Price, each \$8.50

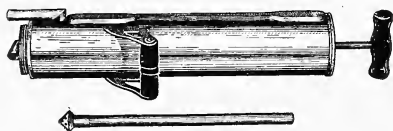
COMPRESSED AIR SPRAYERS



These Patent Sprayers give a continuous spray, reduce the liquid to a fine, mist-like vapor and throw it with great force, so that it is driven into the smallest cracks and crevices. By means of the universal nozzle the spray can be thrown on the under side of the leaves of plants and shrubs.

- No. 1. Galvanized reservoir.....\$1.25
 No. 2. Brass pump and reservoir.....2.25
 No. 3. Tin pump and reservoir.....1.00

DUSTER BROWN POWDER GUN



A double acting continuous dust gun for use in dusting small trees, garden truck and general dusting use. The container holds one quart of powder. Each \$2.25.

FERGUSON'S COMBINATION SPRAYER AND SYRINGE

Three roses—fine, medium and coarse. Recommended for syringing under the foliage of plants where force is needed to keep down red spider, etc. Made of brass and screwed on the end of any hose. \$6.00.



THE "LITTLE WONDER" HEDGE TRIMMER

This trimmer entirely revolutionizes hedge trimming. It is wonderful how quick it cuts and how smooth a job it makes and how easy it operates. To get a beautiful thick hedge it is necessary to trim at least every three weeks. The "Little Wonder" makes the frequent cutting possible without practically any expense. It cuts from five to ten times as fast as by hand and does better work. Guaranteed for one year and complete instruction accompanies each machine.

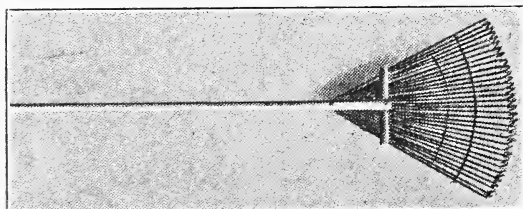
- 30-in., one-man machine.....Each \$25.00
 40-in., two-man machine.....Each \$27.00

THE "LITTLE WONDER" LAWN CLIPPER

The manufacturers of the "Little Wonder" Hedge Trimmer have perfected a small, light carriage to which the cutting bar portion of the hedge trimmer is bolted. This makes a splendid dandelion, plantain-buckhead, weed or grass cutter.

Cutting bar is adjustable, high or low. When grass has grown too high for the lawn mower, it cuts the top off so that the lawn mower will make a clean finish.

A wonderfully handy tool for the lawn, making a 40-in. swath. Price on application.



KEY DUSTER GUN



The new, quick and easy way of using insecticides and fungicides in the cartridge. No handling or mixing of chemicals and without the use of water.

The gun automatically opens the cartridge and applies the materials to the foliage.

Filling the long felt want for home garden, small orchard. Price \$1.50.

All Handy Sealed Cartridges, 15c. each



For vegetables and small fruit B. A. Cartridge.

For flowers and shrubs. Ofloro Cartridge.

For fruit and vegetables, nearly ripe. Hellebore Cartridge.

For aphids and many soft-bodied insects. Kaphis Cartridge.

For orchard fruit. L. A. S. Cartridge.



JAPANESE BAMBOO RAKE

Made with split bamboo. Very light and flexible; for raking leaves, grass or paths. An excellent rake for removing crab or August grass in lawns. Each \$1.75.



Fan Trellis

FAN TRELLIS

Very popular for training pot plants for windows or conservatories.

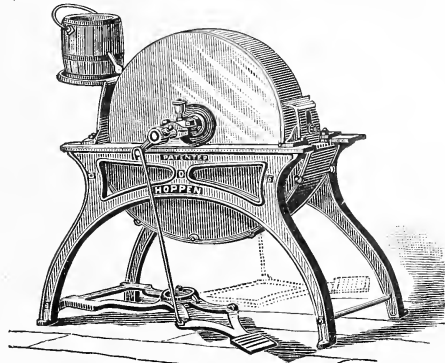
Height	Width	Each
18 in.	6 in.....	\$0.40
24 in.	10 in.....	.60
30 in.	13 in.....	.80
36 in.	16 in.....	1.40

All painted dark green.

TOMATO STAKES

Made with Cypress, 1 inch square, 5 feet long, pointed at end. Doz. \$2.50, 100 \$16.00.

THE HOPPEN GRINDSTONE



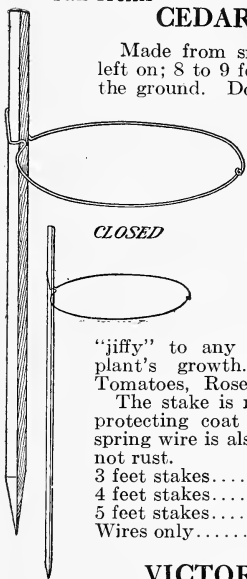
The frame is all iron and is very rigid. Every private estate should have one of these grindstones on hand.

No. 0 Stone, 24x21½ in., with handle, treadle, bucket and shield pan.....	\$38.00
No. 1, Stone, 24x3 in., with handle, treadle, bucket and shield pan.....	41.00

F. O. B. Belleville, N. J.

CEDAR BEAN POLES

Made from small Cedars with the spurs left on; 8 to 9 feet long, pointed to drive in the ground. Doz. \$3.00, 100 \$22.00.



"ADJUSTO" PLANT SUPPORT

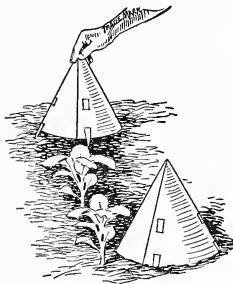
The "Adjusto" is a very simple, unbreakable, practical and cheap support which will last a lifetime.

It is adjusted in a "jiffy" to any height, to conform to the plant's growth. It is indispensable for Tomatoes, Roses, Hydrangeas and Dahlias.

The stake is made of hardwood having a protecting coat of green paint; the heavy spring wire is also painted green and so will not rust.

	Each	Doz.
3 feet stakes.....	\$0.20	\$2.25
4 feet stakes.....	.25	2.75
5 feet stakes.....	.30	3.25
Wires only.....	.15	1.50

EVER-READY FROST PROTECTOR



This Plant Protector is made from a black, weather-proof paper, which will last indefinitely. They come packed flat with stakes for locking the edges and anchoring the cone to the ground. Once assembled they can be nested for storage and used from year to year. They can also be used for shade and windbreaks for plants just set out. Doz. 60c., 50 for \$2.25, 100 for \$4.00, 1000 \$35.00.

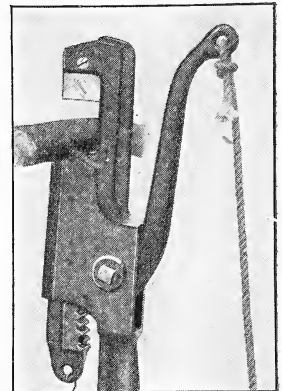
VICTOR STEEL GARDEN STAKES

These are made with steel rods with two rings for tying and sharp sabre ends. They can be used for staking any flower or vegetable plants by using a single stake or three stakes with a string threaded through the rings and tied. For fencing off any paths or parts of the garden and using wire or twine. They are painted green, indestructible and neat in appearance.

	Doz.	100
2 feet.....	\$1.75	\$13.00
2½ feet.....	2.00	14.50
3 feet.....	2.25	16.00
4 feet.....	2.50	17.50

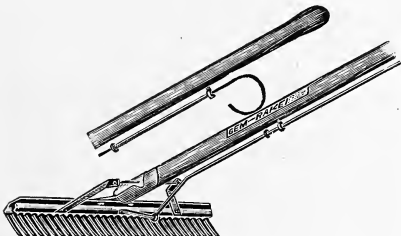
DEXTER PRUNER

The two razor sharp knives enter the limb on opposite sides and sever the limb with a clean cut. The blades are 1½ inches wide and will cut any limb up to that diameter. It can be attached to any length pole. The leverage is so accurately balanced that no extraordinary strength is required to cut the limb. Each, without pole, \$5.00.

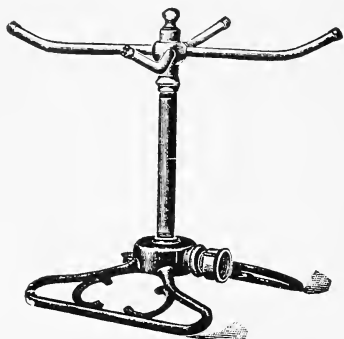


THE GEM DANDELION RAKE

A scientifically constructed tool for eliminating Dandelions and other seeds of weeds in lawns. It has fine, blade-like teeth that lie flat against the sod and clip off all buds and flowers. The self cleaning attachment combs the teeth clean and is connected to a rod on the handle which cleans the teeth on a slight pull on the finger hook. The spring sending the cleaning bar back to its position. Width 24 in. Price \$4.25.

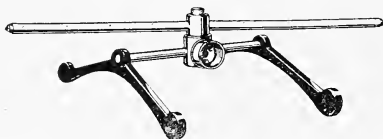


CALIFORNIA SPRINKLER



This is the most popular Sprinkler on the market. It has four brass arms and is mounted on a sled, so that it can be easily dragged over the lawn without turning off the water. Price \$2.75.

RAINBOW SPRINKLER



A high or low pressure brass Sprinkler. The water descends in small particles like mist and rain combined over an area of 40 to 50 feet, watering every inch of ground. It is instantly set in motion with low pressure and does not stick or rust. Each \$3.00.

"WATER WITCH"



This Sprinkler works more satisfactorily with a low pressure of water than any other.

No. 3, with spur to stick in the ground, 90c. each; No. 4, with stand, \$1.25.

THE "SKINNER" LAWN MIST IRRIGATOR

For lawns, vegetables or flowers this Sprinkler throws the finest mist that can be used out of doors. Mounted on two wheels and a castor. Length 15 feet, five-spray clusters, 36 inches apart. Total 15 nozzles. Each \$16.00.

LAWN MIST JUNIOR SPRINKLER

Similar to the above, 9½ feet long, mounted on sliding skids, 12 nozzles. Each \$10.50.

BORDER MIST SPRINKLER

A one-way Sprinkler or for watering one way only. Length, 15 feet, nozzles 17 inches apart. Mounted on two-wheel truck. Each \$16.00.

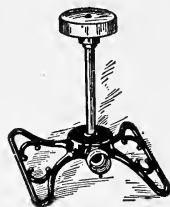
PEACOCK SECTIONAL SPRINKLER

Made to cover large areas in lengths of 12½ feet. Five-spray clusters, 36 inches between. Total 40 nozzles. Each section mounted on a wheel truck at one end. \$18.00 per section.

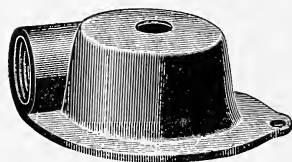
ALL SKINNER SPRINKLERS ARE OFFERED F.O.B. TROY, O.

THE LAWN SHOWER SPRAYER

Will throw an even, gentle spray over 25 feet in diameter at a water pressure of about 40 pounds, the nozzle may be directly connected to hose for washing sidewalks. It makes an attractive fountain display. Holder and nozzle complete. Price \$3.00.



"C. B. G." SPRINKLER



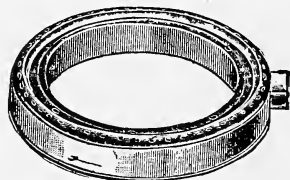
The C. B. G. Sprinkler is built on the principle of the tangential spray. Simple in construction and cannot get out of order. Each 60c.

BRASS FOUNTAIN SPRINKLER

Very simple in construction.

Cannot rust or get out of order.

Will not injure the lawn. Requires only ordinary pressure of water. Price \$1.00 each.



THE DAYTON ROTARY SPRINKLER

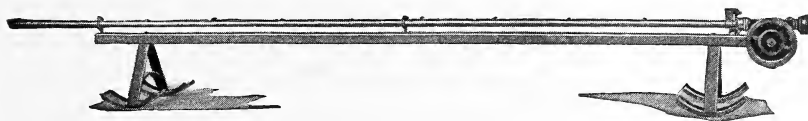


The Dayton Sprinkler is the most practical, durable and efficient sprinkler devised for watering lawns or gardens. It sprinkles in a circle from a 3-foot to a 40-foot radius, it operates with a 15-lb. up pressure of water and can be adjusted to any kind of a stream. All parts made with brass, aluminum and silver. Connections for ¾-in. hose. Lawn Type "A." Each \$8.00.





THE OSCILLATING LAWN AND GARDEN IRRIGATOR

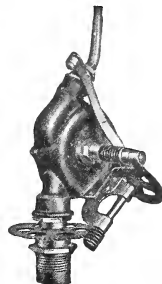


Five-foot Oscillating Sprinkler

The Oscillating Irrigator attached to garden hose with ordinary water pressure will automatically irrigate the entire surface with a fine, dense, rain-like spray 30 feet on either or both sides, covering a rectangular area 60 feet in width the entire length of the machine. Can be adjusted to water only one side with any length of stroke by the turning of two thumbscrews. Gears inclosed and all corrodible parts made of brass.

The Oscillating Irrigator is strongly constructed, and does not get out of order.

Complete with $\frac{3}{4}$ -in. or 1-in. hose connection. 5-ft. sprinklers, \$8.00; 10 ft., \$12.00; 15-ft., \$20.00.

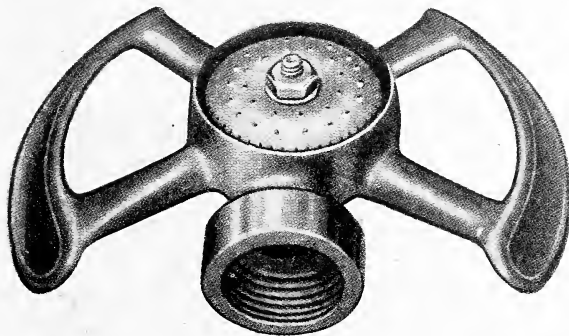


Turbo
Irrigator Head

TURBO IRRIGATOR HEAD

The Turbo will thoroughly and evenly distribute the water in a form like fine rain, without injury to the finest turf, over a circular area 85 to 100 feet in diameter. It oscillates and rotates, breaking up the spray in a most attractive and effective manner. From one position it will entirely water a putting green, eliminating the usual labor required to move the ordinary sprinklers. Made of brass, it will give unusual service. Minimum pressure required, 30 pounds.

Complete, with tripod, collapsible stand and connection for $\frac{3}{4}$ -inch or 1-inch hose. Price, \$12.00.



THE SAUCER LAWN SPRINKLER

The Saucer Sprinkler will cover a circle of from 30 to 50 feet, distributing the water like a refreshing rain. With each sprinkler is a half cap which can be used for a fan-shaped mist over a space of 30 by 20 feet. Simply remove the full cap and replace the half cap and it is transformed into a half spray. Each 75c.

THE DAYTON HOSE REEL

It is a money saver. Leaving water in a hose rots it and shortens its life. Handling and draining a hose is a mussy job.

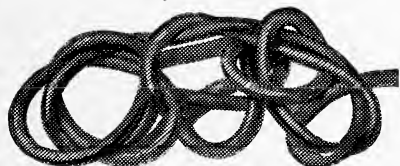
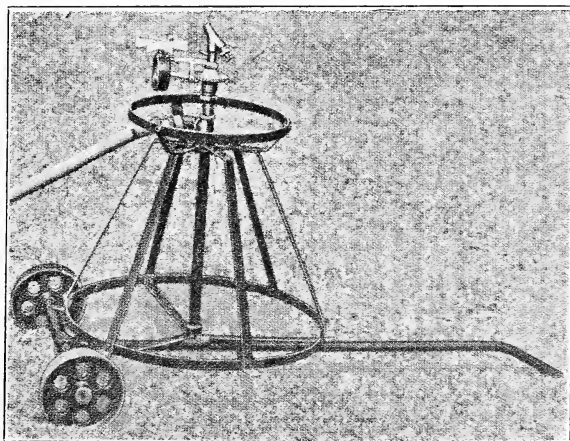
With the newly developed Dayton reel, the winding and draining is done simply by turning the upper rim. It winds down from the top and all water drains out.

Provision is made for attachment of sprinkler at the top of the reel. To start sprinkling you set the reel where you want it, unwinding only as much hose as needed, and turn on the faucet.

When finished wheel it back, give a few turns to the reel and you are through. It is so evenly balanced when wound that a little child can push it around. The Dayton reel is metallic and strong. It will last a lifetime.

Hose Reel, with Dayton sprinkler, complete, \$17.50.

Hose Reel, without sprinkler. \$11.00.



"Marshall" Hose

THE "MARSHALL GARDEN HOSE"

We have arranged with a leading maker to manufacture a special hose for garden and greenhouse work which is non-kinkable and will stand the highest water pressure.

Sample mailed on request. In 25- and 50-foot lengths with $\frac{1}{4}$ -inch connections.

"Marshall" Hose. $\frac{3}{4}$ -inch, 20c. per foot; $\frac{1}{2}$ -inch, 18c. per foot.

THE "BIG CROP" SOIL TESTER

The "**Big Crop**" Soil Tester tells you whether or not any piece of land is in the proper condition to produce a "**Big Crop**." It tells in a few minutes and at the cost of two cents per field, how to insure the biggest results from lime and manure at the lowest cost. In detail will tell you:

Whether or not your soil needs lime and how much per acre.

Whether or not manure (organic matter) is needed

Whether or not your soil needs inoculation for Alfalfa, Clovers, Cow Peas, Soy Beans, Vetch and other legumes.

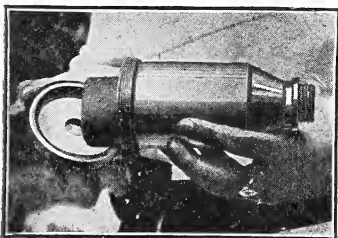
Where and when not green manuring will pay.

Which field of your farm are best adapted to Alfalfa, Clovers, Grain, Corn, Potatoes, Beets, etc.

A test costs 2c. and takes 2 minutes to make. \$12.00 per outfit.



THE KIRKE SYSTEM FERTILIZE WHILE WATERING, OR DESTROY INSECTS



Kirke Feeder for inserting the cartridge



Kirke Fertilizer

The Kirke Feeder applies the fertilizer while watering, and feeds the grass or garden with high-grade, immediately available, concentrated plant food. It is a neat device easily attached to any garden hose. It will last a lifetime, and can be used both for Kirke Fertilizer and insecticide cartridges. The cartridges of concentrated fertilizer for the lawn and garden, and the nicotine cartridges for the destruction of soft-bodied insects, dissolve in as much water as will pass through the ordinary garden hose in about five hours.

Kirke Feeder. For fertilizer and insecticide cartridges, nickel-plated, complete, each \$3.00.

Kirke Fertilizer Cartridges. For lawns, flowers and vegetables. Each 20c., doz. \$2.00.

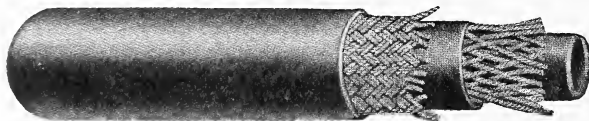
Kirke Nicotine Insecticide Cartridges. For spraying soft-bodied insects. Each 35c., doz. \$3.75.

Kirke Arsenate of Lead Insecticide Cartridges. For spraying all leaf-eating insects. Each 50c., doz. \$5.75.

Kirke Bordo-Lead Fungicide Cartridges. For spraying fungus diseases. Each 30c., doz. \$3.50.

Kirke Salt Cartridge. Each 15c.

MARSHALL'S RUBBER HOSE



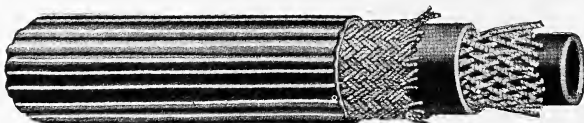
Marshall's Smooth Hose

Marshall's Smooth Rubber Hose. $\frac{1}{2}$ -in., per ft. 18c.

Marshall's Smooth Rubber Hose. $\frac{3}{4}$ -in., per ft. 20c.

Marshall's Corrugated Hose. $\frac{1}{2}$ -in., per ft. 18c.

Marshall's Corrugated Hose. $\frac{3}{4}$ -in., per ft. 20c.

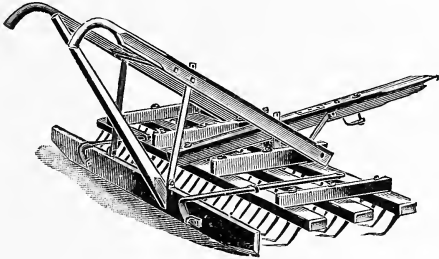


Marshall's Corrugated Hose

This hose is adapted for use on private estates in the garden, greenhouse, lawns, barns, garage or livestock buildings. Also on golf courses tennis courts, athletic fields, engineering or construction work.

It is smooth or corrugated, non-kinkable and will stand the highest water pressure. Coupled in 25 or 50 feet lengths with $\frac{3}{4}$ -inch couplings. We will also supply it in any lengths required with couplings.

SMOOTHING AND LEVELING HARROW



With this tool every field can be made as smooth as a floor and the soil pulverized fine enough for a flower bed—makes a most perfect Onion bed. This harrow is also a great road maker. One man, with team, can make a perfect trotting track of any road. It is adjustable with a lever, by which the entire action is controlled by the driver, and he can remove at will all the earth possible for the team to haul, taking it from hills or uneven places and putting it into hollows to level up the field.

No. 6, one-horse, 6 ft. \$25.00
No. 8, two-horse, 8 ft. 27.50

ONE-HORSE GARDEN PLOW



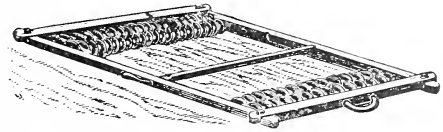
No. 6 iron beam wood handles; cuts a 3- to 6-inch deep furrow and 7 to 10 inches wide. Weight 65 lbs.
No. 6. Price, with extra point, \$11.00; with wheel, \$2.00 extra.

SPRINGFIELD LAWN AND GOLF SWEEPER



This sweeper will gather fresh cut and dead grass, leaves, stones and other litter. It has eight Palmetto brushes on the reel, 15-inch drive wheels, covers a 28-inch swath and has a large, detachable trash box. Price \$36.00.

THE MEEKER SMOOTHING HARROW

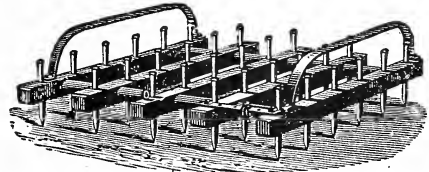


The Meeker Harrow is a perfect pulverizing and smoothing harrow and land roller combined. As the illustration shows, it has four sets of rollers, equipped with 46, 58 or 82 discs, depending upon the size. These discs are set in alternating rows so that the entire surface is thoroughly worked. They grind up all lumps, leaving the soil fine and smooth. Even in damp soil, the alternating arrangement of the discs prevents clogging. The board in the center serves as a leveler. It is set at an angle and can be adjusted up and down. It smooths down ridges and fills up the hollows.

Regular size, 6 ft. 8 in. by 6 ft. 58 eight in. discs . \$35.00
Special size, 4 ft. 6 in. by 4 ft. 46 eight in. discs . 30.00
Special size, 8 ft. by 6 ft. 82 eight in. discs . . . 46.00
Regular size, 6 ft. 8 in. by 6 ft. 58 ten in. discs . . 42.50

F. O. B. Southport, Conn.

GARDENER'S HARROW



Designed for one horse, convenient to handle and get around garden plots, etc.

25 teeth with runners. \$12.00
30 teeth with runners. 13.00

WEED KILLERS



KEY WEED KILLER. Destroys weeds in paths, roads and gutters. Dilute one part Weed Killer to forty parts water. Does not discolor cement or stone. Qt. 70c., gal. \$1.75, 5 gals. \$6.50, 30 gals. \$31.50, 50 gals. \$45.00.

HERBICIDE WEED KILLER.

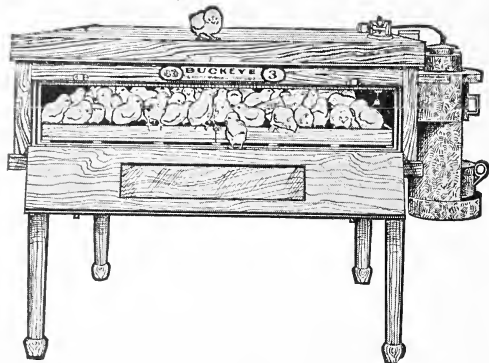
A liquid preparation for the killing of weeds of every kind on roadways, paths, gutters, tennis courts. 1 gal. makes 40 gals. liquid. Qt. 65c., gal. \$2.00, 5 gals. \$7.50, 10 gals. \$13.50, 30 gals. \$30.00.

STERLINGWORTH WEED KILLER. For killing weeds in walks, drives and tennis courts where no vegetation is wanted. In powder form, to be dissolved in water. 1 lb. makes 15 gals., sufficient for 50 sq. yds. Lb. 50c., 5 lbs. \$2.00.

STERLINGWORTH LAWN COMPOUND. Kills weeds in lawns without killing the grass, and makes the lawn green and velvety. 1 lb. will dress 100 to 200 sq. ft., depending upon the lawn's condition. 5-lb. cans 75c., 50-lb. kegs \$4.00, 100-lb. kegs \$7.80.

BUCKEYE INCUBATORS AND BROODERS

All the Buckeye Incubators are hot water heating system and guaranteed to do everything they claim.



THE BLUE HEN COAL BURNING COLONY BROODER

The Blue Hen is designed right and built right. It is easy to operate and requires but very little attention because of its sensitive automatic regulation. It has extra large coal capacity which enables it to hold the fire from 12 to 15 hours. The cast iron heater is powerful. It heats quickly and holds a steady fire because of its large grate area.

No. 44. Capacity, 500 chicks; diameter of hover, 48 in.; coal capacity, 25 lbs. Price \$21.00.

No. 45. Capacity, 1000 chicks; diameter of hover, 56 in.; coal capacity, 35 lbs. Price, \$26.00.

F. O. B. Lancaster, Pa.

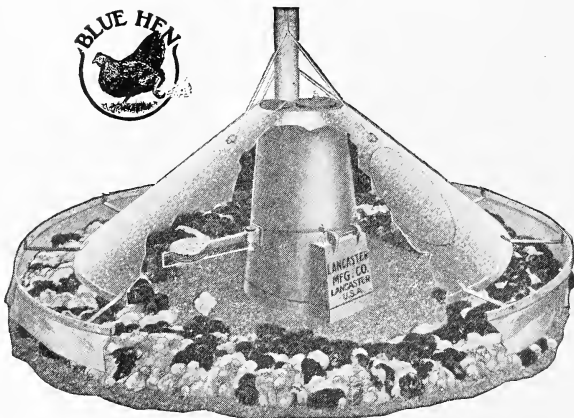
BUCKEYE INCUBATORS	
No. 14, Style E.	Capacity, 65 eggs.....\$16.50
No. 16, Style E.	Capacity, 120 eggs.....27.50
No. 17, Style E.	Capacity, 210 eggs.....36.75
No. 1, Standard.	Capacity, 120 eggs.....37.50
No. 2, Standard.	Capacity, 175 eggs.....44.50
No. 3, Standard.	Capacity, 250 eggs.....57.75
No. 4, Standard.	Capacity, 350 eggs.....68.00
No. 5, Standard.	Capacity, 600 eggs.....107.00

BUCKEYE BROODERS

No. 18. Coal Burner. Galvanized hover, 42 inches. Capacity, any number up to 500, \$21.50.

No. 19, Coal Burner. Galvanized hover, 52 inches. Capacity, any number up to 1000, \$26.50.

Descriptive catalogue of the above mailed on request.



INTERNATIONAL SANITARY OIL BURNING HOVER

These hovers are known as the perfect brooding device. It has stood every climatic test from Panama to Quebec. Practical poultrymen, state experiment stations and poultry judges indorse them. You can raise chicks anywhere with International Sanitary Hovers. No specially constructed building necessary. Place them in an old dry goods box, piano box or on the floor of any building or colony house; they are self contained and complete in themselves.

Sanitary hovers are practical for the small backyard poultry raiser or the large poultry plant. They are vermin proof, sanitary, warmest at the curtain, radiate heat downward on the backs of the chicks, prevent leg weakness. No crowding or smothering of chicks, no kneeling in mud to get at the lamp, no cutting of holes or building of platforms. Diameter, 28 inches.

Price of the hover, complete, 100-chick capacity, \$13.50.

PERFECTION TRAP NEST

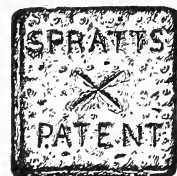
One of the largest (12 in. x 24 in. x 12 in. high) nests on the market today—in fact, large enough for two nests, being 24 in. deep and arranged so hens, after laying, do not have to stand in the nest or on the eggs, thus eliminating all danger of breaking the eggs when alarmed or waiting to be taken out.

The locking device is very positive and substantial (having on springs), being operated by the lever on top of nest, thus hens can be removed and nests set without going in among the hens. It can be used either on the floor, on a bench, or nailed to side of building.

F. O. B. Unionville, N. Y.

No. 1. Single Style.....\$2.25

No. 2. Double Style.....\$2.75

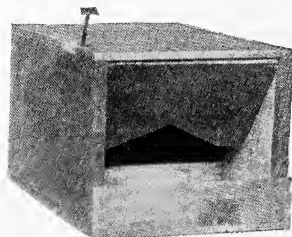


"SPRATT'S" MEAT "FIBRINE" Vegetable Dog Cakes. The standard dog food. Used at the leading kennels and dog shows throughout the world. A staple and constant food for all breeds of dogs.

Prices: Per lb. 20c., 10 lbs. \$1.45, 100 lbs. \$13.00.

"SPRATT'S" PUPPY BISCUITS A perfect and whole food for puppies of all breeds. Puppies should be started on these biscuits when about a month old and they should be continued until such time as their teeth become sound and strong, usually when they are about six months old.

Prices: Per lb. 20c., 10 lbs. \$1.60, 100 lbs. \$14.00.





Guaranteed Products

For many years Sanitas Products have held an enviable position in the disinfectant field. The red Sanitas Oval has come to mean on disinfectants and allied products what "sterling" means on silver.

When you purchase Sanitas Guaranteed Products you are assured of two things—maximum quality for your expenditure and satisfactory results.

SANTAS ANIMAL DIP

For animal lice, sheep tick, scabies, etc. Mixes with hard water. One gal. makes 80 gals. dipping solution. Fully meets the recommendations for coal tar creosote (ip mentioned in Farmers' Bulletin, 909, U. S. Dept. Agriculture.

Gal. \$2.25, 5 gals. \$10.00, 10 gals. \$17.50.

SANTAS ANIMAL SOFT SOAP

Not an ordinary soap. Can be used as a salve. Has pleasing pine odor. Effective for treating mange, eczema and skin diseases. Quickly heals cuts, wounds and sores. Destroys fleas. Stimulates hair growth.

Qt. can \$1.25, gal. \$3.00, 5 gals. \$12.50.

INSECTOL

Exterminates chicken mites, bed bugs, roaches, and moths. Destroys insect larva and eggs. Drives pests from their hiding places. Stainless, non-explosive and non-inflammable. Pleasing odor.

Gal. can \$2.25, 5 gals. \$10.00, 10 gals. \$17.50.

PYN-A-IR

A fragrant disinfectant. Imparts a healthful forest tang to the atmosphere. Does not absorb oxygen. Recommended for general disinfecting and cleaning of household, stables, kennels, poultry houses, etc. Used diluted with water.

Qt. can \$1.00, gal. \$2.50, 5 gals. \$11.25, 10 gals. \$20.00. Barrels \$1.75 per gal.

SIXCO

Coal tar disinfectant. From four to six times more effective than most disinfectants and perfectly safe to use. One gal. makes 300 gals. of powerful germ killing solution.

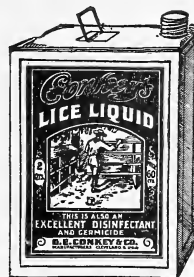
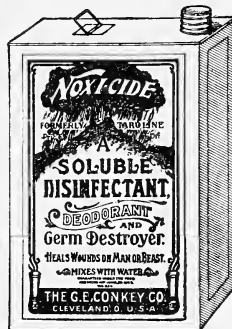
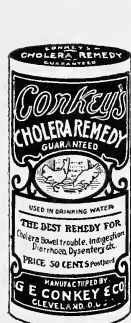
Gal. can \$2.25, 5 gals. \$10.00, 10 gals. \$17.50.

SANTAS WEED KILLER

Overcomes the endless task of removing weeds and grass from driveways, paths, gutters, tennis courts, etc. One gallon diluted with 50 parts water will cover about 1000 square feet.

5-gal. can \$8.75, 10 gals. \$15.00, bbls. \$1.25 gal.

POULTRY REMEDIES AND FEEDS



CONKEY'S

POULTRY REMEDIES

Ask for "Conkey's Poultry Book." Free with all purchases.

Canker and Bronchitis Remedy	50c.
Cholera Remedy	25c.
Gape Remedy	25c. and 50c.
Head Lice Ointment	25c.
Healing Salve	25c.
Healing Powder	25c.
Lice Fix	25c.
Lice Liquid	Qt. 60c., 2 qts. 90c., gal. \$1.50.
Lice Powder	25c. and 50c., 12 lbs. \$1.50.
Limber Neck Remedy	60c.
Noxicide Dip and Disinfectant	Pt. 50c., qt. 75c., 2 qts. \$1.25, gal. \$2.00.
Poultry Laying Tonic	1½ lb. 25c., 3¼ lbs. 50c., 25 lbs. \$3.00.
Poultry Worm Remedy	25c.
Roup Pills	30c. and 60c.
Roup Remedy	25c., 50c., \$1.00.
Saltem	For stock, 10 lbs. \$1.00, 100 lbs. \$7.00.
Scaly Leg Remedy	25c.
Sorehead Remedy	25c.
Sulphur Candles	Each, 10c.
White Diarrhoea Remedy	25c.

POULTRY FOODS

Alfalfa Meal	10 lbs. 60c., 100 lbs. \$4.00.
Beef or Meat Scraps	Swifts "Laymore," 5 lbs. 40c., 10 lbs. 75c., 100 lbs. \$5.00.
Bone Granulated	Coarse or fine, 5 lbs. 45c., 10 lbs. 80c., 100 lbs. \$7.00.
Charcoal	Granulated. Fine, medium and coarse. 5 lbs. 30c., 10 lbs. 60c., 100 lbs. \$4.50.
Conkey's Buttermilk Starting Food	5 lbs. 50c., 25 lbs. \$2.00, 50 lbs. \$3.50, 100 lbs. \$6.50.
Chick Food	5 lbs. 35c., 10 lbs. 65c., 100 lbs. \$5.75.
Dry Mash Feed	"Full O'Pep." 5 lbs. 35c., 100 lbs. \$5.00.
Mico-Spar Grit	5 lbs. 15c., 10 lbs. 25c., 50 lbs. 80c., 100 lbs. \$1.50.
Oyster Shells	Fine or coarse, 10 lbs. 25c., 50 lbs. 90c., 100 lbs. \$1.60.
Red Cross Health Grit	No. 2, for Pigeons, Bantams and Pheasants, 10 lbs. 50c., 100 lbs. \$2.75.
Red Cross Health Grit	No. 3, for Laying Hens, 10 lbs. 50c., 100 lbs. \$2.75.
Scratch Food	5 lbs. 30c., 10 lbs. 50c., 50 lbs. \$2.50, 100 lbs. \$4.00.
Wheat	10 lbs. 60c., 100 lbs. \$4.00.

Prices are subject to market changes.

POULTRY SUPPLIES

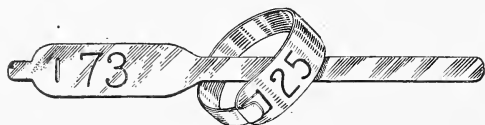
SPIR-OL[®] TRADE-MARK LEG BANDS



Black, White, Blue, Pink
Amber and Ruby

Made with celluloid in three sizes. 12 for 20c., 25 for 30c., 50 for 50c., 100 for 90c.

State what breed of chicken they are required for when ordering.



LEADER ADJUSTABLE LEG BANDS

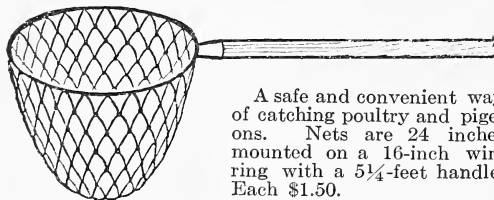
Have a neat, compact and smooth fastening. Easily attached, secure and no catching points. Made in two sizes. 25 for 30c., 50 for 55c., 100 for \$1.00.

GAPE WORM EXTRACTOR



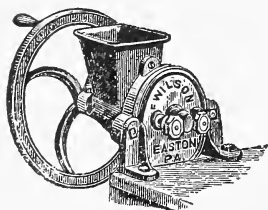
Full directions with each instrument. Each 30c.

POULTRY CATCHING NET



A safe and convenient way of catching poultry and pigeons. Nets are 24 inches mounted on a 16-inch wire ring with a 5 1/4-foot handle. Each \$1.50.

GRINDING MILL



This machine will grind dry bones, shells or grain, either fine or coarse. It will make excellent grit out of old crockery, melted glass, etc. Hand wheel 22 in. Hopper 2 1/2 x 3 1/4 x 4 in. Weight 33 lbs. To bolt on table or bench.

No. 1, \$5.00.

BONE AND SHELL MILL

For granulating shells, dry bones, Corn, grit, etc., for poultry. Can be quickly adjusted for fine or coarse grinding. No. 2 with stand and legs, weight 125 lbs. f.o.b. Scranton, Pa. \$25.00.

FARMER'S CAPONIZING SETS

Complete with full instructions for any one to use. \$4.00.



CORNELL CAPONIZING SET

This set is made under instructions from the Department of Poultry Husbandry of Cornell University. Price \$6.00.

POULTRY KILLING KNIVES



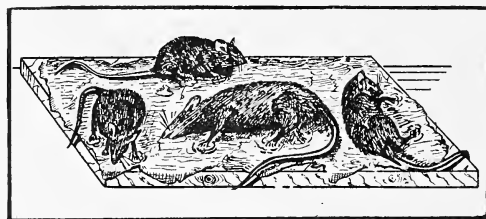
Made with finely tempered steel, with nickel handle. Each 65c.

"RAT CORN"

A safe and sure exterminator of rats and mice. This is not a poison and can be used without fear when other animals are around. No smell from the dead rats is detected, as the bodies dry up after death. Sizes 25c., 50c. and \$1.00.



"HOLDZEM"



An adhesive especially prepared for catching rats and mice. Easy to apply. Spread the paste on a board 1/2-inch thick. No chance for them to get away if they touch the paste; no dying between walls. The above cut shows one night's catch. Safe, non-poisonous and effective. One-pound cans, \$2.25 each.

"THERMO" FOUNTAIN

This fountain is built to meet the need for a fount that will stay open with reasonable care in Winter, without the aid of any fuel. It is Thermo built and depends on the heat stored in the water in the reservoir chamber, hence in cold weather use hot water. 1 gal. \$2.25, 2 gals. \$2.75.



POULTRY SUNDRIES

Egg Preserver. Water glass. One quart with water for 15 doz. eggs. Qt. 50c., gal. \$1.25.

Egg Testers. Each 50c.

Nest Eggs, Lime Eggs. Odorless, strong and durable. 3 for 10c., doz. 30c.

Nest Eggs, China. 3 for 10c., doz. 35c.

Poultry Pincers. Moes Clip and Punch. Each 30c.

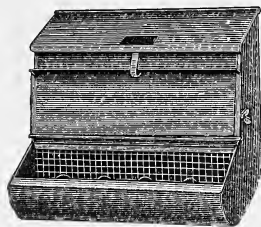
Poultry Shears. Nickel plated, \$4.50.

Thermometers. Brooder. Each \$1.00.

Incubator. "Tycoos." Each \$1.00.

Hygrometer. An indicator to show the moisture conditions in the incubator. Each \$1.75.

POULTRY FOUNTAINS AND FEEDERS



OAKES HOPPER

Provided with hinged lid over both hopper and trough, making it rat and mouse proof. Height 15 inches by 12 inches long. No. 1, each \$1.75. No. 2, 18 inches long, each \$2.25. No. 3, 24 inches long, each \$2.75.

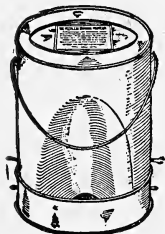
ACME DROP BOTTOM FOUNTAIN

A distinct improvement over the one-piece fountain. The bottom is hinged to open and can be easily cleaned.

2 quart size \$1.25.
4 quart size \$1.75.
8 quart size \$2.50.



PEERLESS DRINKING FOUNTAIN



The water is always pure. Easy to clean and fill. Simple in construction, durable and practical. Heavy galvanized material. Fowl cannot injure their combs while drinking. Each, 5-qt. \$1.00.

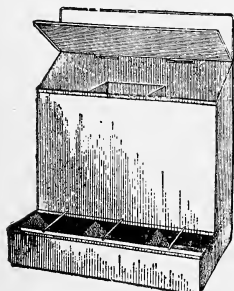
PEERLESS COMBINATION HEATER FOUNTAIN

This fountain is intended for Winter use. It consists of a 5-quart fountain and a Peerless Heater to prevent the water from freezing. The lamp holds 1 pint of kerosene and will burn one week day times. Easy to care for and costs little to run. Each \$3.00.



PEERLESS HEATER

For Winter use, water will never freeze or become too warm. Can be used for heating any kind of fountain in cold weather. Each \$2.00.

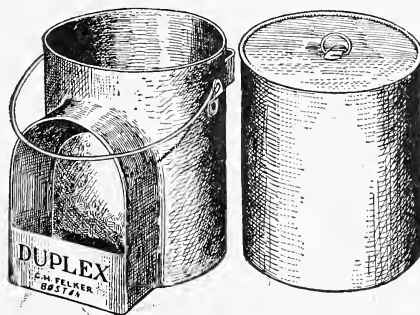


FELKER'S SHELL GRIT AND CHARCOAL FEEDER

This hopper can be used as a one, two or three compartment feeder. Strongly built of galvanized iron. Each \$1.00.

FELKER'S POULTRY FEEDER

For dry mash, scraps, etc. Each \$1.75.



DUPLEX FOUNTAIN

The latest and most practical sanitary fountain on the market. This is a double fountain and keeps the water clean and pure. Easy to fill and care for. Each, 4-qt. \$1.25, 8-qt. \$1.50.

MOE'S STAR JAR FOUNTAIN AND FEEDER

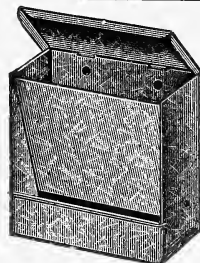
TO SNAP ON A MASON JAR

Will fit pint or quart Mason Jars. Can be used for feed or water. Each 15c., doz. \$1.50.

REPLACE BOTTOM, TURN OVER, THEN READY FOR USE

KENTUCO CHICK FEEDER

This feeder is designed so that the feed will run out easily and keep just enough before the chicks without clogging or letting them throw it out and waste it. Size 5 in. long by 6 in. high No. 31. Each 50c.



MOE'S ROUND BABY CHICK FEEDER

SLIDING COVER MAKES FILLING EASY

A great food saver, as the little chicks cannot get into it. No. 11 Small size. Each 20c. No. 12 Large size. Each 35c.

WHEN FILLED AFFORDS PROTECTED FEEDING ACCOMMODATIONS FOR A NUMBER OF CHICKS

THE JUNIOR CHICK FEEDER



It is practical and sanitary. Will not waste feed For feeding dry mash, grain, sour milk or water to small chicks. 12 inches long, each 35c.; 20 inches long, each 50c.

THE "ALL-RITE" FOUNTAIN

Fits any Mason Jar and has hanger to hang up out of dirt or litter. Each 25c.

EGG BOXES AND CRATES



SELF-LOCKING EGG BOXES

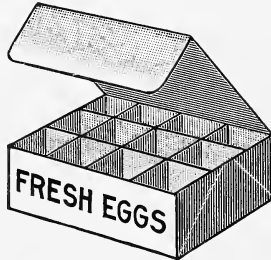
Made with best quality card board. Ventilated and self locking. 25 for 40c., 100 for \$1.50. 1000 for \$14.00.

FOLDING PAPER EGG BOXES

Convenient for carrying a dozen eggs to local customers. Doz. 20c., 50 for 60c., 100 \$1.00, 1000 \$8.00.

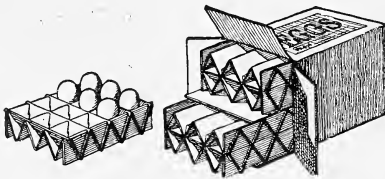
EGG CASE FILLERS

Full cushion fillers for cases of eggs. Regulation 2x6 style. 50 for 85c., 100 \$1.50, 1000 \$11.00.



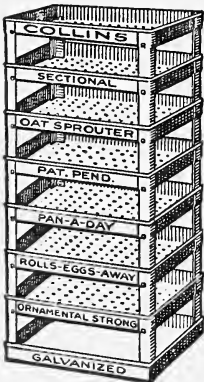
THE "SEFTON" EGG BOX

Made with corrugated board for Parcels Post. 2 dozen size. Each 25 cts., doz. \$2.50.



SURETY CUSHION EGG BOX

A simple and safe box for delivery of eggs by Parcels Post. Doz. size, each 20c., doz. \$2.00, 100 \$15.00; 2 doz. size, each 30c., doz. \$3.50. 100 \$22.00; Extra filler sets, 1-dozen size, each 15c., doz. \$1.50, 100 \$8.00; 2-dozen size, each 20c., doz. \$2.00, 100 \$10.00.

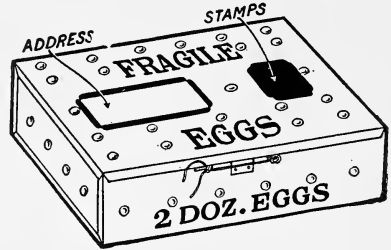


COLLINS OAT SPROUTER

The Collins Oat Sprouter is made in units, eight separate pans of galvanized steel. The pans are 11x15 in. and fit on top of each other. The pans are perforated to furnish the right drainage to insure sprouting of all the fertile grain.

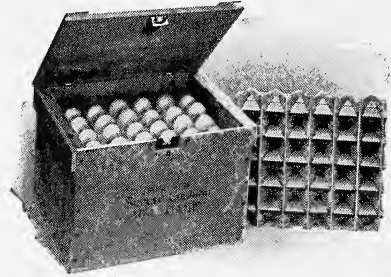
Place beside furnace or in warm room and you have a continuous supply of green feed. With eight pans. Each \$4.00. With five pans \$3.00.

ALUMINIZED METAL EGG CRATES



These are made for continued use, light in weight and to eliminate breakage of eggs. Fillers are made for long life and crates do not require any wrapping for mailing. 2 doz. size \$1.25; 4 doz. size \$1.75.

SURETY CUSHION WOODEN EGG CRATES



Easier and quicker to pack than ordinary egg crates. The trays are inverted one above the other which hold the eggs from coming in contact with each other. Two doz. size, each \$1.50; 4 doz. size \$1.75; 6 doz. size \$2.00; 8 doz. size \$2.30; 10 doz. size \$2.50; 15 doz. size \$3.00.

Extra filler sets, 12 egg size, doz. \$1.00, 100 \$6.00. 24 egg size, doz. \$2.00, 100 \$10.00.

EXERCISER AND FEEDER ATTACHMENT

This can be attached to any can or box and will make the best regulator to hang and scatter the feed in the litter. Each 75c.



O. K. EXERCISER FEEDER

The Hopper (holding 12 quarts) is made of No. 28 galvanized steel, and is reinforced with a double thickness around the top. The bail is heavy galvanized rod so that the weight of the grain does not spring it out of shape.

The pendulum rod and grain distributor have the accurate adjustment with two brass nuts, and a convenient separable construction. Each \$2.25.



LARGER CROPS in FIELD and GARDEN

if you use

Registered in the
United States Dec. 6th,
1898.

25 YEARS AGO.



Awarded Gold Medal
Worlds Fair - St. Louis
1904.

19 YEARS AGO.

Alfalfa, clovers, soybeans, vetches, peas, beans, cowpeas, peanuts and other legumes should always be inoculated with Nitragin. The lack of necessary bacteria in the soil is often the cause of a poor legume crop—a weak start—or a total failure.

A Great Price Reduction NITRAGIN Costs Less

Nitragin now comes in Bushel sizes instead of acre sizes. This means that it costs you less per acre than inferior imitations. If you sow 12 pounds of seed to the acre it will only cost you 20 cents for your Nitragin. It means that

Your Dollar Goes Further With NITRAGIN

Nitragin is an old, reliable inoculator. At the low price of 20 to 33 cents per acre you cannot afford to sow legumes without it. Nitragin is put up in the modern ventilated package; in a rich, soil-like packing medium. The contents are always fresh, living bacteria to feed your plants. Easy to use.

EVERY GARDEN NEEDS NITRAGIN

New Garden Culture for Peas and Beans

See Below

PRICES

¼ Bushel size.....	40c	Postage.....	4c
½ Bushel size.....	60c	Postage.....	5c
1 Bushel size.....	\$ 1.00	Postage.....	7c
5 Bushel size.....	\$ 4.75	Postage.....	10c
Garden (peas, beans, sweet peas - three in one package).....	.20c	Postage.....	2c



STATE WHAT CROP YOU
WANT THE NITRAGIN FOR

Mulford Cultures

FOR LEGUMES



Uninoculated ALFALFA Inoculated
Photographed on same scale. Plant on left not inoculated—Plant on right inoculated with Mulford Cultures for Alfalfa. All other conditions identical.

Inoculate Your Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches, Garden Peas, Beans, and all other legume crops with Small Cost Large Returns Easy to Use No Labor Expense

Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria for inoculating seeds of legumes or soil.

Mulford Cultures are “different,” and should not be confused with other brands.

Legumes offer the best known means of maintaining soil fertility and rejuvenating over-cropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

The U. S. Dept. of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt “catch” and increase your yield.

Mulford Cultures are prepared for:

Alfalfa	Red Clover	Soy Beans	Sweet Peas
(Lucerne)	Alsike Clover	Peanuts	Garden Peas
Crimson Clover	Bur Clover	Vetch	Garden Beans
Sweet Clover	Cow Peas	Velvet Beans	Lima Beans

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume. Prices: 5-acre size, \$5.00 (A dollar per acre); 1-acre size, \$1.50; ¼-acre size, 75c. Small size (supplied only in 4 varieties, for garden Peas, garden Beans, Lima Beans and Sweet Peas), 35c.

Free descriptive folder sent upon request.

INSECTICIDES

APHINE. Has no equal for the destruction of green, black or white fly, thrips, red spider, mealy bug, caterpillars, scale and other insects and blights. Use one part to forty parts of water. $\frac{1}{4}$ pt. 25c., $\frac{1}{2}$ pt. 40c., 1 pt. 65c., qt. \$1.00, gal. \$3.00.

ANT DESTROYER. A non-poisonous powder. Will destroy or drive away black ants. Box 15c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.

ARSENATE OF LEAD, Paste Key Brand. For caterpillars, chewing insects, fruit flies and codling moth. Contains 15½ per cent Arsenic Oxide. Mixes easily in water and will not burn foliage. Dilute 1 lb. to 20 gals. water. Lb. 35c., 5 lbs. \$1.50, 10 lbs. \$2.50, 25 lbs. \$5.00, 50 lbs. \$9.00, 100 lbs. \$17.00.



ARSENATE OF LEAD, Powdered, Key Brand. Better than Paris Green and does not burn foliage. Can be used either wet or dry for dusting. With water use 1 lb. to 15 or 25 gals. Lb. 45c., 5 lbs. \$2.50, 10 lbs. \$3.50, 25 lbs. \$8.00.

BORER OIL. Useful for flat and round head Borers in Peach and other trees. Pt. 50c.



BORDO-LEAD, Paste, Key Brand. Insecticide and fungicide. Two sprays in one. A mixture of Arsenate of Lead and Bordeaux Mixture. Splendid for Potatoes, Apples, Pears and vegetables. 1 lb. makes 3½ gallons ready to apply. Lb. 35c., 5 lbs. \$1.50, 10 lbs. \$2.50, 25 lbs. \$5.50, 50 lbs. \$10.00, 100 lbs. \$18.00.

BORDEAUX MIXTURE, Paste, Key Brand. For blight, mildew, rust and fungus diseases. 1 lb. to 3 gals. of water. Lb. 30c., 5 lbs. \$1.25, 10 lbs. \$2.25, 25 lbs. \$5.00, 50 lbs. \$9.00.

BORDEAUX MIXTURE, Powder, Key Brand. Used same as Bordeaux Mixture, also for dusting dry. For spraying use 1 lb. to 8 gals. water. Lb. 35c., 5 lbs. \$1.50, 25 lbs. \$5.75.

BOROWAX. A complete protection against borers if properly applied to Peach, Plum, Apple, Pear and Quince trees. Qt. 60c., gal. \$1.75.

BUG DEATH. Is extensively used for Cabbage and Tomato worms, Potato and Cucumber bugs. Lb. 20c., 3 lbs. 55c., 5 lbs. 90c., 12½ lbs. \$1.60.

CATTLE COMFORT. Protects cattle, dogs, etc., from flies and other insects. Gal. \$2.25.

CARBOLA. A disinfecting germ-killing white paint. Used instead of whitewash for stables, chicken coops, dairies, cellars, etc. 10 lbs. make 10 gals. Pkg. 30c., 10 lbs. \$1.25, 50 lbs. \$5.00.

COPPER SOLUTION. For mildew, Pear and Apple scab, rust on Carnations and Violets. Gal. \$3.00.

CUT WORM KILLER (Sterlingworth). This is a coarse powder for sprinkling near the plants to be protected. It is harmless to birds or chickens. 1 lb. is sufficient for 175 plants or 100 ft. of drill. Lb. 35c., 5 lbs. \$1.50, 25 lbs. \$5.00.

FLY KNOCKER. Protects all animals from flies. Qt. 75c., $\frac{1}{2}$ gal. \$1.25, gal. \$2.00.

FORMALDEHYDE. A useful fungicide for Potato scab, rosette in Lettuce, Onion smut and fungus in soil. For Potatoes use 1 lb. to 30 gals. of water and soak the tubers about 1½ hours before planting. Lb. bottle 75c.

FUNGINE. An infallible remedy for mildew and other fungus diseases. Pt. 65c., qt. \$1.00, gal. \$3.00

GRAPE DUST. For prevention of mildew on Roses, Grapes, Gooseberries, etc. 5-lb. pkg. 90c., 10 lbs. \$1.75, 100-lb. keg \$16.00.

HALL'S NICOTINE FUMIGATOR. A simple and effective method for fumigating greenhouses. 2½-lb. tin \$2.50, 10-lb. tin \$8.50.

HALL'S FREE NICOTINE 40%. An effective Insecticide prepared especially for fumigating and spraying in greenhouses and general inside work. Destroys plant lice and similar soft-bodied insects. $\frac{1}{2}$ -lb. tin \$1.40, 2 lbs. \$4.25, 8 lbs. \$15.00.

HELLEBORE POWDER. For rose slugs, currant worms, etc. Dust on with gun or bellows while the foliage is moist. $\frac{1}{2}$ lb. 30c., lb. 55c., 5 lbs. \$2.50.

H. R. SEED PRESERVER. Prevents crows and other birds from taking your seed, also scab and rot in potatoes and smut in grains. Use one gallon for 15 bushels of seed. Gal. \$1.50, 5 gals. \$6.00.

IMP SPRAY SOAP. Effective against green fly, aphid, red spider and thrips. Mix with 12 parts of water for spraying. Gal. \$2.75.

KEY-CIDE POWDER. A combined insecticide and fungicide. Kills bugs and prevents blight, rot, mildew and fungus. Can be used for wet spraying or dusting for fruits, vegetables and flowers. 1 lb. makes 7 gals. liquid. $\frac{1}{2}$ lb. 25c., lb. 45c., 5 lbs. \$2.00, 10 lbs. \$3.75.



KEROSENE MISCIBLE OIL, Key Brand. Better than Kerosene Emulsion. Mixes easier, has greater killing power and is valuable against all soft-bodied insects. Contains 80 per cent. Kerosene. Dilute 1 part of oil to 16 parts of water. For tender plants 1 part to 30 parts water. Qt. 70c., gal. \$1.75, 5 gals. \$7.00, 50 gals. \$50.00.

KRYSTAL GAS. The best remedy for Peach Tree borers. 1-lb. tins, \$1.00 each, 5 lbs. \$3.00.

LEMON OIL. For destroying mealy bugs, scale, thrips, red spider, etc. $\frac{1}{2}$ pt. 30c., pt. 50c., qt. \$1.00, $\frac{1}{2}$ gal. \$1.75, gal. \$3.00.



LIME SULPHUR, Dry. Used for all scale insects as a dormant spray. Has all the effectiveness of Liquid Lime Sulphur and is much easier to handle. 1 lb. makes from 4 to 10 gallons. Lb. 40c., 5 lbs. \$1.75, 10 lbs. \$3.00, 25 lbs. \$5.55.

LIME SULPHUR LIQUID. For spraying fruit trees, etc. 5 gals. \$4.25, 30 gals. \$11.00, barrel, 50 gals. \$16.00.

MAGOTITE. Protects all crops from the ravages of the root maggot in Cabbage, Cauliflower, Onions, Radishes, Turnips, etc. Also earth worms in lawns and putting greens. 2 lbs. for 300 ft. of drill. 2 lbs. 40c., 4 lbs. 70c., 8 lbs. \$1.25, 25 lbs. \$3.00, 100 lbs. \$9.50.

INSECTICIDES—Continued

MELROSINE. The general contact insecticide that kills rose bugs and other insects. Dilute with 20 to 25 parts of water. Pleasant and harmless to use, guaranteed effective when used according to directions on can. Pt. \$1.00, gal. \$6.00.



NICO - FUME LIQUID. For spraying or fumigating. Does not stain or injure the blooms. Lb. \$2.25, 4 lbs. \$8.00, 8 lbs. \$15.00.

NICO-FUME PAPER. Extra strong tobacco paper for burning. 144 sheets \$5.50, 288 sheets \$10.00.

NICOTINE FUMIGATOR, HALL'S. A simple and effective specially prepared tobacco powder for fumigating. 2½-lb. tins, \$2.50; 10-lb. tins, \$8.50.

NICOTINE SULPHATE, "Black Leaf 40." For aphids, thrips, etc., 1-oz. bottle 35c., ½ lb. \$1.25, 2 lbs. \$3.50, 10 lbs. \$13.50.

PARIS GREEN. For potato bugs, etc. ¼ lb. 20c., ½ lb. 30c., lb. 55c., 5 lbs. \$2.50.

PYROX, Bowker's. Kills all leaf-eating insects and prevents blights and fungous troubles, without injury to fruit or foliage. Sticks like paint and rain don't wash it off. Lb. 45c., 5 lbs. \$1.75, 10 lbs. \$3.25, 25 lbs. \$7.00, 50 lbs. \$12.00, 100 lbs. \$20.00.

READEANA (Rose Bug Exterminator). Destroys rose bugs, black ants, etc., without injury to plants. Mix one part with three parts of water and apply with brush or sprayer. Can 50c., 24 oz. \$1.00, gal. \$4.00, 5 gals. \$17.50.

SCALE DESTROYER, TARGET

(Soluble Oil). Dormant spray for San José, and Oyster Shell Scale. Most effective for Leaf Roller. Spray for tree infesting scale and most soft bodied sucking insects. May be used in Spring or Fall. Mixes easily, has no sediment, spreads and creeps into crevices of rough bark. Dilute 1 gallon to 20 gallons water, ready to apply. Qt. 60c., gal. \$1.45, 5 gals. \$6.50, 30 gals. \$26.00, 50 gals. \$38.00.



SCALECIDE. For San José scale and spraying all kinds of trees. 1-gal. can \$1.45, 5 gals. \$6.50, 10 gals. \$11.00, 30 gals. \$27.00, 50 gals. \$40.00.

SLUG SHOT. Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds. 1-lb. cartons 20c., 5-lb. pkg. 60c., 10 lbs. \$1.10, keg of 125 lbs. \$13.00.

SOLOMIA. An English combined Insecticide and Fungicide. It is non-poisonous and harmless to vegetable and plant life. It will not spot, scorch or damage the most delicate foliage when used according to directions. Qt. \$1.50, gal. \$4.50.

HALL'S NICOTINE FUMIGATOR FOR GREENHOUSES

A simple and effective preparation for fumigating greenhouses, for plant lice and thrips. It is a specially prepared tobacco powder, which has been treated to insure proper burning qualities, and which is saturated with pure Nicotine.

Simply fill the enclosed measuring dipper with the fumigator, press it in gently and place on an inverted empty tin can. Set the can on the floor and light the cone at the top. It will burn evenly, without flaming, and will be consumed in about five minutes, vaporizing the Nicotine. An ordinary greenhouse, 20 by 100 feet, will require three of the above charges—equally spaced—for strong fumigation, or one (1) measureful for each 7,000 cubic feet of space. 2½-lb. tin \$2.50, 10-lb. tin \$8.50.



SULPHUR, Powdered. A staple preventive for mildew on Grapes, Roses, etc. Lb. 10c., 10 lbs. 75c., 25 lbs. and over, 7c. per lb.

TREE TANGLEFOOT. A sticky substance applied directly to the bark to protect trees against climbing insect pests. One application remains sticky, fully exposed to weather, three months. 1 lb. will make a band 7 to 8 feet long. Lb. can 50c., 5 lbs. \$2.25, 10 lbs. \$4.25, 20 lbs. \$8.00.

TREE WOUND PAINT, Key Brand.

Prevents decay. A penetrating, antiseptic paint that is not affected by heat, cold or moisture. Does not peel, crack or get brittle. Stops trees bleeding and prevents decay. Qt. \$1.00, gal. \$2.50.



TOBACCO DUST. Destroys Rose lice, Cabbage and Turnip fleas, etc. Lb. 15c., 5 lbs. 60c., 10 lbs. \$1.00, 100 lbs. \$6.00.

TOBACCO DUST FOR FUMIGATING. Used for burning in place of stems. 10 lbs. \$1.00, 50 lbs. \$3.25, 100 lbs. \$6.00.

TOBACCO STEMS FOR FUMIGATING. Clean and free from rubbish. In bales of 100 lbs. \$3.00, 250 lbs. \$7.00.

VERMINE. For all soil vermin, such as cut, eel, or wire worms, slugs, root lice and ants. ½ pt. 40c., pt. 65c., qt. \$1.00, gal. \$3.00.

WHALE OIL SOAP WITH TOBACCO. Kills lice and sucking insects on trees, shrubs, plants, vines and Roses. Lb. 35c., 5 lbs. \$1.50, 25 lbs. \$7.00.

WHITE FLY LIQUID. An insecticide for spraying. Will destroy white fly on Pelargoniums, Fuschias and other plants without injury to the leaves. Lb. cans \$3.00.

WORM ERADICATOR, Rhead's Electric. For destroying worms in lawns, pots, etc. One gal. makes 150 gals. solution. 8-oz. bottles 50c., gal. \$4.00, 5 gals. \$17.50.

X.-L. ALL LIQUID INSECTICIDE. For spraying. Harmless to very delicate plants; kills insect pests. Qt. \$2.00, gal. \$7.00.

X.-L.-ALL VAPORIZING COMPOUND. The most effectual method of fumigating greenhouses. Bottle sufficient for 10,000 cu. ft., No. 3, \$3.00; bottle sufficient for 20,000 cu. ft., No. 2, \$5.00. Fumigators for above, \$2.25 each.

WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide in concentrated form. Useful for outside and greenhouse spraying. Gal. \$3.00, 5 gals. \$10.00, 25 gals. \$50.00.

ZENKE'S FUNGICIDE. Effective remedy for leaf spot, rust, mildew and black rot. Gal. \$4.00.

ZENOLEUM. A valuable disinfectant and destroyer of insects in chicken houses, stables, etc. Qt. 75c., gal. \$2.00, 5 gals. \$8.00.

FERTILIZERS

BONE MEAL

This bone meal is made from the best quality of bone and finely pulverized. Valuable for top dressing lawns, Roses, flowers and vegetables. Apply about 1000 lbs. per acre or 5 lbs. to 100 sq. ft. 5 lbs. 50c., 10 lbs. 75c., 50 lbs. \$2.50, 100 lbs. \$4.00, 200 lbs. \$7.00, ton \$60.00.

BONE, CRUSHED

A coarse or medium grade, well adapted for Grapevine and Rose borders. 10 lbs. \$5.00, ton \$70.00.

BLOOD AND BONE

It is of value for garden crops, fruit trees, Grape vines, etc. For garden crops, drill in 300 to 500 lbs. per acre. 100 lbs. \$4.00, ton \$65.00.

BONARBOR

This plant food has a wonderful effect on plant life. It is good for flowering plants of all kinds, vegetables, fruits and shade trees, lawn, etc. ½-lb. pkg. 35c., 5-lb. pkg. \$2.50, 50 lbs. \$18.00.

BOWKER'S LAWN AND GARDEN DRESSING

Good for every growing green thing. Ammonia, 5%; available phosphoric acid, 9%; potash, 2%. 10-lb. pails, \$1.00.

CARNATION FOOD (SPRINGFIELD)

This Carnation food is not a chemical stimulant, but an evenly balanced ration to produce a natural growth, vitality and productiveness. 100-lb. bag, \$5.00, f. o. b. Springfield, N. J.

CATTLE MANURE (SHREDDED)

A natural fertilizer for garden crops and lawns. 100 lbs. \$3.50, ton \$55.00.

CHARCOAL

Useful for sweetening sour soils or mixing with potting soil. Coarse or fine. 100 lbs. \$5.50. Very coarse, per bag, \$5.00.

CLAY'S FERTILIZER

Highly recommended by leading horticulturists in the cultivation of flowers, fruits and vegetables for exhibition, etc. Bags of 56 lbs. \$7.00, and 112 lbs. \$12.00.

COW MANURE

In carload lots only, f. o. b. Bushwick, L. I.

DRIED BLOOD

For top dressing, mixing with the soil and applying in liquid form, it is one of the best and safest nitrogenous fertilizers. 100 lbs. \$7.50.

HUMUS

Valuable for all garden purposes, including lawn and greenhouse plants. 100-lb. boxes, \$3.00 each, ton in boxes, \$40.00, ton in bags, \$25.00, f. o. b., Lafayette, N. J.

LAND PLASTER

Useful for composting or mixing with manure or on sour soils. 100 lbs. \$2.25, ton \$35.00.

LIME, HYDRATED

For correcting acids in soils use 8 lbs. for 30 sq. ft. of ground. 5 lbs. 25c., 10 lbs. 35c., 25 lbs. 60c., 100 lbs. \$2.00, ton \$30.00.

LIMESTONE, GROUND

A very finely screened ground Limestone. Useful for sour soils and to correct improper conditions of the soil. Ton \$9.00, f. o. b. factory, West Stockbridge, Mass.

NITRATE OF SODA

It is valuable for grain, Corn, Beets, Potatoes, grasses, Peas, Beans, Clover, etc. Being extremely soluble it should not be applied until the plants are above ground. 1 lb. 15c., 5 lbs. 60c., 10 lbs. \$1.00, 50 lbs. \$3.50, 100 lbs. \$6.00.

OYAMA PLANT FOOD

For house plants or flower and vegetable gardens. It keeps the soil rich but odorless and is economical to use. It contains 17% of nitrogen and can be used in dry or liquid form. Full directions on each package. Package to make 6 gallons, 35c.

POTASH MARL

A valuable plant food for vegetable crops, flowers and lawns. It is odorless and clean to handle. For lawns use 200 lbs. to 1000 square feet. It contains 7% potash. 100 lbs. \$2.50, 500 lbs. \$10.00, ton \$35.00, f. o. b. Marlton, N. J.

PULVERIZED SHEEP MANURE

A rich, pure and natural manure. Excellent as a top dressing for lawns, and mixing with the soil for greenhouse plants—one part manure and six parts soil. 5-lb. pkg. 45c., 10 lbs. 75c., 50 lbs. \$2.00, 100 lbs. \$3.50, ton \$60.00.

SALT, AGRICULTURAL

Used for top dressing Asparagus beds, etc. 100 lbs. \$2.00, 200 lbs. \$3.75.

STABLE MANURE

Fresh or rotted stable manure in carload lots only. Prices on application, f. o. b. Bushwick Junction, L. I., or Newark, N. J.

SOOT, IMPORTED SCOTCH

A fertilizer for stimulating growth and giving a rich, dark foliage; also an excellent remedy against slugs, grubs and cutworms. Bag of 100 lbs. \$7.00.

STIM--PLANT

PLANT STIMULANT TABLET

A plant food in tablet form for fertilizing all kinds of growing plants in the home or garden. Tablets should be used in the soil or dissolved in water and applied to the soil. 30 tablets 25c., 100 tablets 75c., 1000 for \$3.50.

THOMSON'S CHRYSANTHEMUM MANURE

A special top dressing of unusual merit. 28 lbs. \$4.50, 56 lbs. \$8.00, 112 lbs. \$15.50.

THOMSON'S VINE AND PLANT MANURE

A well-known English fertilizer. 56 lbs. \$5.50, 112 lbs. \$10.00.

WOOD ASHES

For lawns, gardens and fruits, hardwood ashes are unequaled; one to two tons per acre. 100 lbs. \$2.00, ton \$25.00.

QUANTITIES OF FERTILIZER TO USE

Bone Meal. 5 lbs. to 100 sq. ft.; ½ to 1 ton per acre.

Blood and Bone (Tankage). 300 to 500 lbs. per acre.

Lime, Hydrated. For lawn, 100 lbs. to 400 sq. ft., 1 ton per acre on light soils; 2 tons per acre on heavy soils.

Nitrate of Soda. 1 oz. to 2 gals. water; 100 to 200 lbs. per acre.

Sheep Manure. 1 lb. to 5 gals. of water, 500 to 600 lbs. per acre.

All prices of Fertilizers are subject to market changes.



BOWKER'S FERTILIZERS

"For the Land's Sake Use Bowker's Fertilizers"

BOWKER'S COMPLETE MANURE

Used for Potatoes and root crops. Ammonia, 5 per cent.; available phosphoric acid, 8 per cent.; potash, 4 per cent. 200 lbs. \$6.50.

HILL AND DRILL PHOSPHATE

This is made for using in hills and drills and sowing broadcast for farm and truck crops. Ammonia, 3 per cent.; available phosphoric acid, 9 per cent.; potash, 2 per cent. 200 lbs. \$5.50.

MARKET GARDEN MANURE

A general fertilizer for farm and garden. Ammonia, 4 per cent.; available phosphoric acid, 8 per cent.; potash, 4 per cent. 100 lbs. \$3.50, 200 lbs. \$6.00.

All the above fertilizers are offered f. o. b. factory at Carteret, N. J. At the time of going to press we are unable to obtain prices of the above from the manufacturers. Kindly ask for prices for larger quantities.

POTATO SPECIAL MANURE

An excellent manure for Potatoes or other root crops, where quick, strong growth is essential. Ammonia 4 per cent.; available phosphoric acid, 8 per cent.; potash, 6 per cent. 100 lbs. \$3.50.

SOLUBLE PHOSPHATE

For farm crops, 14 per cent. available phosphoric acid. 200 lbs. \$2.50.

SUPERPHOSPHATE WITH AMMONIA

A useful fertilizer for farm and garden crops. Ammonia, 4 per cent.; available phosphoric acid, 10 per cent. 200 lbs. \$5.50.

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FRUITS, FLOWERS, GARDENING, ETC.

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Farmer's Cyclopedia of Agriculture. E. V. Wilcox and C. B. Smith.....	5.50
Fertilizers and Crops. L. L. Van Slyke.....	3.25
First Book of Farming. C. L. Goodrich.....	1.10
Forestry, Practical. A. S. Fuller.....	2.25
Insects and Insecticides. H. M. Weed.....	1.75

Milk and Its Products. H. H. Wing.....	\$2.50
Modern Methods of Testing Milk and Milk Products. L. L. Van Slyke.....	1.40
Poultry Book. J. Biggle.....	.75
Poultry Breeding and Management. Jas. Dryden.....	2.00
Poultry Diseases. E. J. Wortley.....	1.25
Poultry Feeding and Fattening. Fiske.....	.90
Poultry Appliances. G. B. Fiske.....	.90
Poultry Architecture. G. B. Fiske.....	.90
Profitable Poultry Production. M. G. Kains.	.50
Profits in Poultry and Their Profitable Management.....	1.60
Turkey Raising. Lamson and Slocum.....	1.75
Weeds of the Farm and Garden. L. H. Pammel	2.00

Prices of Books are subject to change.

We shall be pleased to supply any books not listed above at advertised prices.



MARSHALL'S PLANTING TABLE



Vegetable Seeds for Planting in Hotbeds in March

BEANS	CAULIFLOWER	KOHL-RABI	PARSLEY
BEETS	CELERY	LEEK	PEPPER
EARLY CABBAGE	EGG PLANT	LETTUCE	RADISH
EARLY CARROT	ENDIVE	ONION	TOMATO

Seed Sowing and Planting Table for Vegetables for Home Gardeners in New York and Vicinity

Variety of Vegetable	Time to Sow Open Ground	No. of Days required to Germinate	Time Required for Maturity from Date Sown	Distance Planting		Amount of Seed, etc., Required	Depth to Plant
				Apart in row	Rows Apart		
ARTICHOKE, Globe.....	May.....			2-3 ft.....	2-3 ft.....	½ oz. for 100 ft. row	1-2 in.
ARTICHOKE, Jerusalem	April.....			1-2 ft.....	2-3 ft.....	Peck for 100 ft. row.	3 in.
ASPARAGUS, Seeds.....	April & May	20 to 28	3 to 4 years.			2 oz. for 100 ft. row..	1-2 in.
ASPARAGUS, Roots.....	April.....			1 ft.....	2 ft.....	100 for 100 ft. row..	3-5 in.
BEANS, Dwarf.....	May to Aug.	6 to 10	45 to 75 days	3 in.....	2 ft.....	1 qt. for 150 ft. row..	½-2 in.
BEANS, Pole and Lima...	May to June	6 to 10	65 to 100 "	3 ft.....	4 ft.....	1 qt. for 100 hills...	1-2 in.
BEETS	April to Aug.	7 to 10	60 to 75 "	4 in.....	1 ft.....	½ oz. for 100 ft. row	1-2 in.
BORECOLE (Kale).....							
For Spring use.....	Aug. & Sept.	6 to 10	85 to 120 "	2 ft.....	2½ ft.....	½ oz. for 100 ft. row	½ in.
For Fall use.....	June.....	6 to 10	85 to 120 "	2 ft.....	2½ ft.....	½ oz. for 100 ft. row	½ in.
BRUSSELS SPROUTS...	April to July	6 to 10	100 to 120 "	1½ ft.....	2½ ft.....	½ oz. for 100 ft. row	½ in.
CABBAGE, Early.....	April.....	6 to 10	100 to 125 "	1½ ft.....	2 ft.....	¼ oz. for 100 ft. row	½ in.
CABBAGE, Late.....	May to June	6 to 10	120 to 180 "	2½ ft.....	2½ ft.....	¼ oz. for 100 ft. row	½ in.
CARROT, Early.....	April.....	10 to 15	65 to 85 "	4 in.....	1½ ft.....	½ oz. for 100 ft. row	½ in.
CARROT, Late.....	May to July	10 to 15	100 to 120 "	5 in.....	2 ft.....	½ oz. for 100 ft. row	½ in.
CAULIFLOWER, Early...	April.....	6 to 10	100 to 115 "	1½ ft.....	2½ ft.....	¼ oz. for 100 ft. row	½ in.
CAULIFLOWER, Late...	May & June	6 to 10	100 to 135 "	2 ft.....	3 ft.....	¼ oz. for 100 ft. row	½ in.
CELERY	April.....	12 to 20	125 to 150 "	6 in.....	3 to 5 ft.	¼ oz. for 100 ft. row	½ in.
CHERVIL.....	April & May	6 to 10		broadcast.	20 in.....	1 oz. for 100 ft. row..	1 in.
CORN, Sugar.....	May to July	8 to 10	60 to 100 "	3 ft.....	4 ft.....	1 qt. for 200 hills...	1-2 in.
CRESS, Curled.....	April.....	4 to 6	30 "	broadcast.	1 ft.....	½ oz. for 100 ft. row	on surface
CUCUMBER.....	May to July	6 to 8	60 to 85 "	4 ft.....	4 ft.....	1 oz. for 60 hills....	1-2 in.
EGG PLANT.....		10 to 14	125 to 160 "	2½ ft.....	2½ ft.....	¼ oz. for 100 ft. row	½-1 in.
ENDIVE.....	April to Aug.	6 to 10	75 to 100 "	1 ft.....	1 ft.....	1 oz. for 100 ft. row.	½-1 in.
HORSERADISH.....	April & May			14-20 in.	2½ ft.....	70 roots for 100 ft..	3-4 in.
KOHL-RABI.....	April to July	6 to 8	65 to 85 "	1 ft.....	2 ft.....	¼ oz. for 100 ft. row	½ in.
LEEK.....	April & May	6 to 10	120 to 160 "	6 in.....	1½ ft.....	¼ oz. for 100 ft. row	1 in.
LETTUCE.....	April to Aug.	6 to 10	75 to 100 "	1 ft.....	1 ft.....	¼ oz. for 100 ft. row	½ in.
MELON, MUSK.....	May to June	6 to 10	90 to 120 "	4 ft.....	4 ft.....	1 oz. for 60 hills....	1-2 in.
MELON, WATER.....	May to June	8 to 12	100 to 125 "	8 ft.....	8 ft.....	1 oz. for 30 hills....	1-2 in.
ONION Seed.....	April & May	6 to 10	120 to 150 "	3 in.....	1 ft.....	½ oz. for 100 ft. row	½-1 in.
ONION Sets.....	April & May			3 in.....	1 ft.....	3 pts. for 100 ft. row	1-2 in.
PARSLEY.....	April & May	18 to 24	90 to 100 "	4 in.....	1 ft.....	¾ oz. for 100 ft. row	½ in.
PARSNIP.....	April.....	12 to 18	100 to 150 "	6 in.....	1½ ft.....	½ oz. for 100 ft. row	½-1 in.
PEAS, Wrinkled.....	April to July	5 to 10	50 to 75 "	2 in.....	2 to 4 ft.	1 qt. for 150 ft. row..	2-3 in.
PEAS, Smooth.....	April to Aug.	5 to 10	50 to 65 "	2 in.....	2 to 4 ft.	1 qt. for 150 ft. row..	2-3 in.
PEPPER.....		10 to 14	135 to 150 "	2 ft.....	2½ ft.....	½ oz. for 100 ft. row	½ in.
POTATOES.....	April to June	15 to 25	75 to 100 "	10 in.....	2½ ft.....	1 pk. to 100 ft. row.	4 in.
PUMPKINS.....	May to June	6 to 10	100 to 125 "	8 ft.....	8 ft.....	1 oz. for 50 hills....	1-2 in.
RADISH.....	April to Sept.	4 to 6	25 to 50 "	2-4 in.	1 to 1½ ft	1 oz. for 150 ft. row..	½-1 in.
RHUBARB ROOTS.....	April & May			3 ft.....	3 to 5 ft.	33 plants for 100 ft.	2-3 in.
SALSIFY.....	April.....	6 to 10	100 to 150 "	4 in.....	1 ft.....	½ oz. for 100 ft. row	1 in.
SPINACH.....	April to Sept.	6 to 12	60 to 75 "	4 in.....	1 to 1½ ft	1 oz. for 200 ft. row.	1-2 in.
SQUASH, Summer.....	May to July	6 to 10	60 to 75 "	4 ft.....	4 ft.....	1 oz. for 50 hills....	1-2 in.
SQUASH, Winter.....	May to June	6 to 10	100 to 125 "	8 ft.....	8 ft.....	1 oz. for 50 hills....	1-2 in.
TOMATO.....	June.....	6 to 10	125 to 150 "	3 ft.....	3 ft.....	½ oz. for 100 hills..	½-1 in.
TURNIP.....	April to Sept.	4 to 7	60 to 75 "	6 in.....	1 to 1½ ft	½ oz. for 100 ft. row	¼-½ in.

Insecticides to Use for Insects and Fungus Diseases

Insects that suck the juices from Plants and Foliage. In powder form, use Slug Shot, Hellebore or Tobacco Dust. In liquid form for spraying, use Aphine, Black Leaf 40, Kerosene Miscible Oil, Lemon Oil or Whale Oil Soap.

Insects that eat the Plants or Foliage. In powder form use Slug Shot, or Arsenate of Lead Powder. In liquid form use Aphine, Arsenate of Lead, Paris Green, or Whale Oil Soap.

Scale on Hard Wood Trees. Spray with Scale Killer, Scalecide or Lime Sulphur.

Fungus Diseases. Spray with Bordeaux, Fungine or Pyrox. Dust with Bordeaux or Grape Dust.

Underground Insects. Cut Worm Killer, Tobacco Dust or Vermine.

GRASSES



TREES & PLANTS

